



1977-78, 1978-79

**BIENNIAL REPORT**  
**of the**  
**CHIEF MEDICAL EXAMINER-CORONER**



THOMAS T. NOGUCHI, M.D.  
*Chief Medical Examiner-Coroner*  
*County of Los Angeles*

County of Los Angeles

BIENNIAL REPORT

of the

CHIEF MEDICAL EXAMINER-CORONER



Thomas T. Noguchi, M.D.

Chief Medical Examiner-Coroner

FISCAL YEARS

July 1, 1977 - June 30, 1978

July 1, 1978 - June 30, 1979

BOARD OF SUPERVISORS

Peter F. Schabarum ..... First District  
Kenneth Hahn ..... Second District  
Edmund D. Edelman ..... Third District  
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Michael D. Antonovich .... Fifth District

CHIEF ADMINISTRATIVE OFFICER

Harry L. Hufford

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COUNTY OF LOS ANGELES  
DEPARTMENT OF CHIEF MEDICAL EXAMINER-CORONER

1104 NO. MISSION RD, LOS ANGELES, CALIFORNIA 90033

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THOMAS T. NOGUCHI, M.D.  
CHIEF MEDICAL EXAMINER-CORONER

Honorable Board of Supervisors  
County of Los Angeles  
Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Gentlemen:

Submitted herewith is the Chief Medical Examiner-Coroner's Biennial Report, covering fiscal years 1977-78 and 1978-79.

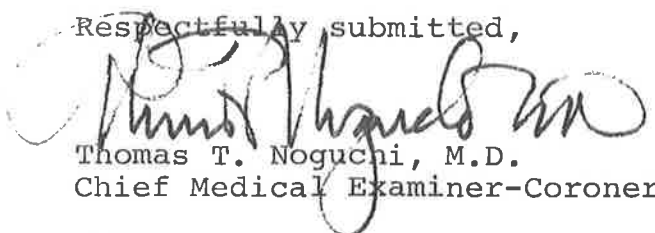
The Department's workload continued to expand, not only in quantity but also in cases of increased complexity. There was a significant increase in deaths caused by violence and in deaths involving new drugs such as phencyclidine, commonly known as PCP or "Angel Dust." New and improved methods were developed to detect these drugs, as well as handle the overall heavy burden of work.

During this time, 114,203 deaths were recorded in Los Angeles County of which 32,868 were inquired into by this Office.

The Los Angeles County Department of Chief Medical Examiner-Coroner is one of the most progressive, effective, and professional coroner's offices in the world. Our reputation is invaluable in maintaining a high level of scientific expertise through close interchange of information and current developments in forensic science.

With the continuing support of the Board and the Chief Administrative Office, we will continue to progress in serving the people of Los Angeles County.

Respectfully submitted,

  
Thomas T. Noguchi, M.D.  
Chief Medical Examiner-Coroner

TTN:vw  
Enc.

- 1942 - in traffic deaths and occasional drug overdoses resulted  
Cont'd in a growing workload for the Department. Questions arose involving liability, insurance payments, etc. which called for careful investigation on the part of the Coroner's staff. Population was now approximately 2,800,000, and Coroner's cases now numbered about 5,500 per year.
- 1956 - Los Angeles County voted a Charter Amendment which separated the Public Administrator and Coroner's Office. According to the new law the Coroner now had to be a Pathologist and the Department was designated "Chief Medical Examiner-Coroner". Due to the level of expertise increasingly demanded by the courts, the medical staff shifted from autopsy surgeons to forensic pathologists. Documentation of Coroner's work became more demanding as the judicial world changed. Identification, notification, and storage problems increased as larger and larger numbers of transient and migratory people began dying in the County. Narcotic and other deaths began to increase, calling for a larger number of autopsies on unembalmed bodies. This necessitated bringing more bodies into the Central Facility from "outside" districts. Population was now more than 5,000,000, and Coroner's cases were about 10,000 per year.
- 1961 - Drug deaths, suicides, homicides, and traffic deaths increased above normal population increases. New state law took effect stating that a death was reportable to the Coroner when a physician had not been in attendance during the 10 days prior to death. As a result of this law, approximately one-third more cases became reportable to the Coroner. Population was now over 6,000,000, and there were approximately 11,000 Coroner's cases per year.
- 1962 - This was a period of civil disobedience and one in which  
to the drug culture flourished. There occurred an alarming  
1970 increase in homicides, suicides, and drug-involved deaths. Court time demanded by the District Attorney and Public Defender increased as well as their need, and the need of other agencies (e.g. law enforcement, insurance, etc.), for increased documentation of records, evidence, microscopic slides, tissue, photographs, x-rays, clothing, etc. Security and chain-of-evidence procedures were strengthened. In 1965 the Department established specialists/professionals in the investigation of Coroner's cases. These positions were entitled Coroner's Investigators. During this time the Department began experiencing a new demand--a demand for information. Requests came from local, state, and federal agencies, the press, educational institutions, private citizens, etc. These demands have continued and increased to the present time. By 1969 the population had increased to over 7,000,000, and the number of Coroner's cases increased to over 14,000.

- 1970 - During this period the Department opened two substations.  
to One in 1970 in Long Beach and a second in San Fernando  
1972 Valley in 1972. In 1972 the Department moved into the  
new Forensic Science Center (Central Facility) on the  
grounds of the LAC/USC Medical Center. (See description,  
page 10.) At this time approximately 50% of the autopsies  
were performed in the Center and 50% in the mortuaries.
- 1973 - The Scanning Electron Microscopy Laboratory was established  
and began full operation.
- 1974 - This was a period of increasing budgetary restrictions.  
to As a result, the substations were closed in 1975. All  
1977 autopsies in the County, with the exception of the upper  
desert, were now performed in the Forensic Science Center.  
The Coroner's Investigators were given authority to certify  
cause of death at mortuaries in those cases where an autopsy  
was not required. By law, the Department became responsible  
for investigating nursing home deaths. A new state law  
took effect stating that a death was reportable to the  
Coroner when a physician had not been in attendance during  
the 20 days prior to death (in 1961 it was 10 days prior  
to death). Whereas the County population stabilized at  
its 1969 level--approximately 7,000,000, the number of  
Coroner's cases increased to approximately 16,000.

Whereas the number of traffic deaths, drug deaths, and  
suicides decreased during that eight-year period, the  
number of homicides and accidents increased.

- 1977 Homicides and traffic accidents increased 28% and 23%  
to respectively over the previous two years. Drug deaths  
1979 decreased by 28% during the same time period. Overall,  
the Coroner's workload increased primarily due to an  
increase in the number of cases of a complex nature,  
particularly those involving new and exotic drugs, and  
to the additional effort required to satisfy the demands  
of the courts.

MAJOR SECTIONS OF LAW THAT DESCRIBE  
DUTIES, RESPONSIBILITIES, AND AUTHORITY

JURISDICTION OF A DEATH BY THE CORONER

Government Code Section 27491

In substance, it shall be the duty of the Coroner to determine the circumstances, manner, and cause of all deaths, other than natural. However, said section also requires that the Coroner take jurisdiction of all deaths occurring from Sudden Infant Death Syndrome, deaths of those awaiting sentence, deaths from contagious disease that constitute a public hazard, deaths from occupational disease or hazard, and deaths of patients in State mental hospitals.

Health & Safety Code Section 10250

This section requires that every physician, funeral director, or other person immediately notify the Coroner of certain specific types of deaths such as where suicide is suspected or that the death was suspected to have been caused by criminal means.

HEALTH & SAFETY CODE SECTION 10251

Places a duty upon the Coroner, when notified of those deaths set forth under 10250 of the Health & Safety Code, to ascertain as many as possible of the facts required by Chapter 5, Division 9, of the Health & Safety Code of the State of California.

AUTOPSY BY THE CORONER

Government Code Section 27491.4

Grants the Coroner the discretionary power to autopsy, analyze such things as stomach contents, blood, organs, et cetera, and requires said results and findings to be put in writing.

Government Code Section 27520

Requires that the Coroner shall perform an autopsy when requested to do so by the next-of-kin, even though the case originally was not a Coroner's case. However, it further provides that the cost of said autopsy shall be borne by said next-of-kin.

Health & Safety Code Section 7114

Sets forth under what circumstances persons other than the Coroner could be prosecuted for a misdemeanor if an autopsy is performed without authorization. States this section is not applicable to the Coroner.



## California Labor Code No. 5706

The Labor Commission can require an autopsy by the Coroner on a case the commission is hearing and over which the Coroner has jurisdiction. If the Coroner has already autopsied or does not require one, the commission then has the right to order a reexamination or autopsy by a physician the commission names.

## NON-AUTOPSY DUTIES WITH THE BODY

### Government Code Section 27491.25

Provides that the Coroner shall run an alcohol and barbiturate level on all traffic deaths over 15 years of age who die within 24 hours. Gives the Coroner discretion to run the same tests to determine possible amphetamine level. Further provides that said tests shall also be run on persons 15 years of age or under if the surrounding circumstances indicate the possibility of alcohol, barbituric acid, and amphetamine derivative consumption.

### Government Code Section 27471

Authorizes the Coroner under certain circumstances, to embalm a body and charge a fee of \$100 for said embalming when prior permission of the next-of-kin has been obtained for said embalming. Without said permission he may charge a fee of \$30. Restricts the complete application of this section to counties above a certain population.

### Penal Code Section 11113

The Coroner shall furnish fingerprints on each Coroner's case to be sent to the State of California State Bureau of Identification and Investigation.

## CORONER DOCUMENTS

### Health & Safety Code Section 10252

The Coroner shall within 3 days after examining the body deliver the death certificate to the attending funeral director. Cause, antecedent causes, other significant conditions contributing to death, and such other medical and health section data as required, shall be completed.

### Health & Safety Code Section 10410

The Coroner shall register with the local registrar all known data concerning the decedent.

### Health & Safety Code Section 10411

Pertains to amending death certificates.

Government Code Section 27491.5 - Investigation Only

States in substance that the cause of death appearing on a death certificate shall be in conformity with the Coroner's findings. And further states how the Coroner may complete the death certificate without holding an inquest or autopsy.

Health & Safety Code Sections 10175, 80, 85, 86, & 90

Fetal death registration. All fetal deaths that cannot be attested to by a physician, that have reached the 20th week of uterogestation will be certified by the Coroner.

Health & Safety Code Section 10203

States that the medical and health section data of the death certificate shall be certified by the Coroner.

Health & Safety Code Section 10204

The Coroner must certify the medical and health data listed on the certificate of death within 3 days after assuming jurisdiction over the decedent.

Government Code Section 27463

The Coroner shall keep an official register.

Government Code Section 27463.5

After the completion of the Coroner's investigation, the Coroner may photograph or microfilm said file and destroy the original copy.

Government Code Section 27491.4

Sets standards which Coroner must follow for inquiring into a Coroner's case.

PROPERTY

Government Code Section 27461

The Coroner may sell personal property to pay burial expenses if approved by the Superior Court.

Government Code Section 27462

The Coroner is to file with the Clerk of Court a statement showing the amount of property and the monetary result of the sale. If there is not sufficient property belonging to the estate to pay the burial expenses, the expenses are a legal charge against the County.

Government Code Section 27464

Any note, letter, document, etc. directing disposition of property or remains are to be filed with the County Clerk. A facsimile copy shall be placed in the Coroner's records and the original to the addressee. If an inquest be held, a true copy shall be read into the record and transcribed.

Government Code Section 27465

Within 30 days after an inquest, the Coroner shall deliver to the legal representatives of the deceased, any money or other property found upon the body.

Government Code Section 27466

Unclaimed property (found on decedent) after 30 days is to be sold and the cash delivered to the Treasurer with an affidavit.

Government Code Section 27491.3

In any death into which the Coroner is to inquire, he may take charge of any and all personal effects, valuables and property at the scene of death, hold and safeguard until lawful disposition is made; lock and seal the premises, but not to interfere with law enforcement if under investigation.

INDIGENTS

Health & Safety Code Section 7104

No matter where death occurs, the Coroner shall inter decedents as indigent when no one can be found to claim the body, and if at the time of death the decedent can be proved a resident of the Coroner's County.

INQUESTS

Government Code Section 68092 & 68095

Sets forth standards for interpreters, translators fees, witness fees, and mileage fees for Coroner's jury.

Government Code Section 27491.6

Coroner must hold an inquest when requested to do so by: Sheriff, City Prosecutor, City Attorney, District Attorney, Attorney General, or Chief of Police in a City of a County in which the Coroner has jurisdiction.

In all other cases, however, Coroner may inquest at his discretion.

Government Code Section 27491.7

The Coroner, his authorized deputy, or a hearing officer shall conduct the inquest.

DISINTERMENTS

Government Code Section 27491.4

Pertains to Sudden Infant Death Syndrome; possession of body; autopsy; exhumation; preservation of medical findings; record of death.

UNIFORM ANATOMICAL GIFT ACT

Health & Safety Code Sections 7150-7153.5

Pertains to gift of body tissue and/or organs, qualification to make such gifts and qualification to receive same.

AGENCIES TO NOTIFY

Government Code Section 27491.1

In deaths where criminal means are suspected, the police must be notified immediately by phone and supplied with a written report.

Vehicle Code, 200011

A written report shall be sent to the Department of Highway Patrol before the 10th day of each month of all traffic fatalities and the circumstances.

DESCRIPTION OF THE CHIEF MEDICAL EXAMINER-CORONER'S FACILITY  
(FORENSIC SCIENCE CENTER)

The Forensic Science Center, located at 1104 N. Mission Rd., Los Angeles, CA 90033, is a modern facility dedicated to the science of Forensic Medicine. The full-time staff numbers 136 employees.

The four-story, 55,000 sq. ft. building which houses the Center was dedicated in April 1972 and cost approximately three and one-half million (\$3,500,000.00) dollars including equipment. Leased equipment brought the dollar value of the property much higher.

The building design and its instruments are unique because the total operation is tailored around a specific function--death investigation. For example, the facility contains a closed-circuit television system that works in relation to extremely tight security measures. The exterior doors of the Security Floor where the autopsies are performed permit exit only; only the elevator permits entry to this floor, and then one must have the appropriate key. Throughout the building, cameras scan the hallways and monitor all outside doors. The same TV system is tied into video tape-recording facilities and a microfilm system. Thus, part of the system can video tape medico-legal examinations and play back micro-filmed information on file in the building's library.

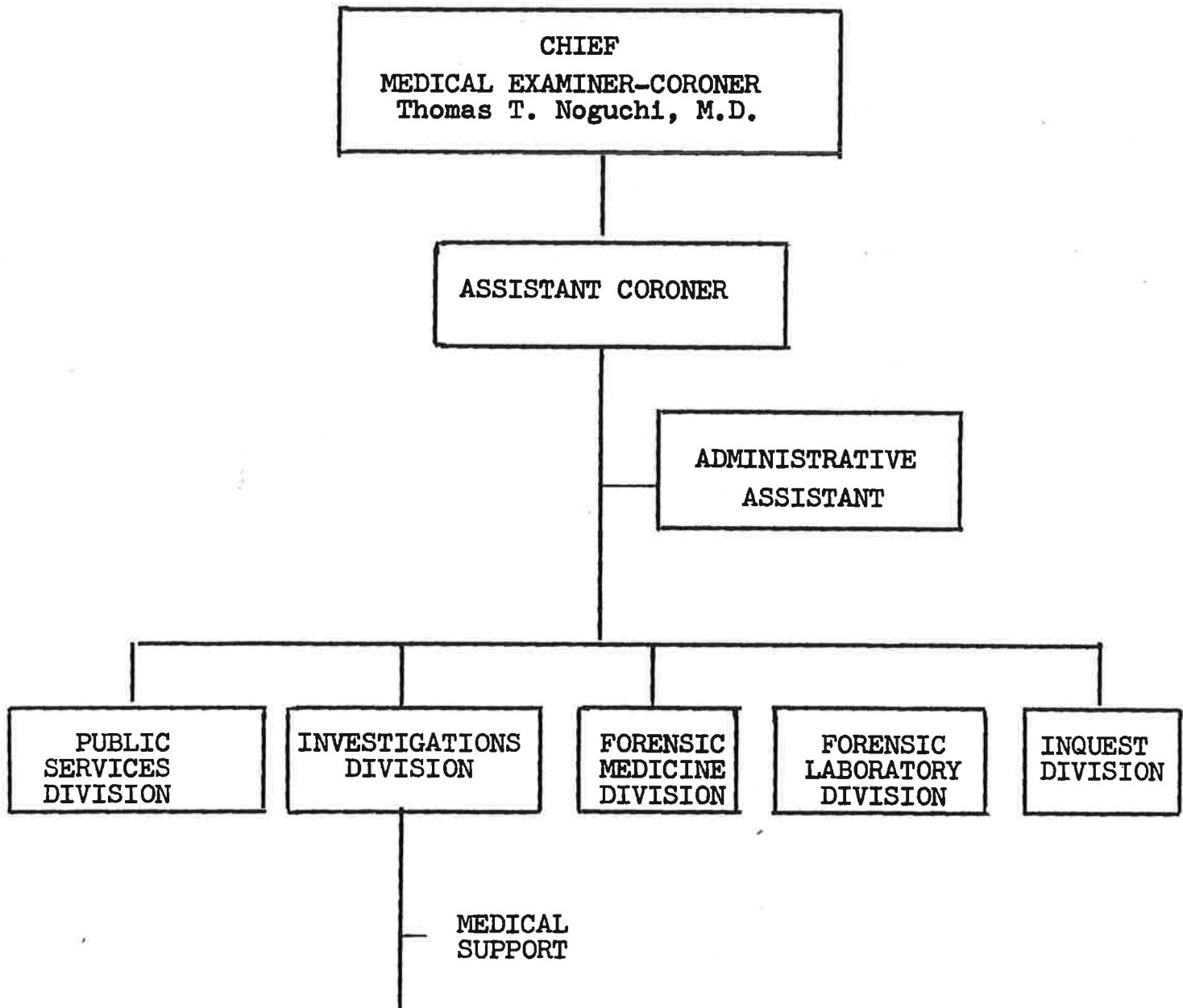
Still another part of the system is used to ease the shock to family and friends having to identify the deceased. The identifying person enters a room where the deceased is viewed on a color television screen. Experience has shown that this environment creates less emotional trauma for the viewer.

Among the more significant equipment housed in the facility is a scanning electron microscope which allows examination of specimens at magnifications up to 300,000 times. Other equipment includes the x-ray instrumentation with its accompanying hoists and special turning table which permits operation from virtually any angle; and an automated photo lab, which consists of printers, enlargers, processors, driers, etc. Approximately 110,000 photographic documents are produced each year.

In the laboratories on the Second Floor are the gas chromatographs, spectrometers and automated infra-red and ultra violet spectrophotometers, all used in the identification of toxic substances in blood and tissue.

Depending on the function of a room, some doors within the building are opened by "seeing eye" light scanners and others have push button or elbow-high wall-plunger electric door openers.

ORGANIZATIONAL CHART OF THE CHIEF  
MEDICAL EXAMINER-CORONER'S OFFICE



## CHIEF MEDICAL EXAMINER-CORONER

The Chief Medical Examiner-Coroner is responsible for investigating and determining the circumstances, manner, and cause of all sudden, violent, or unusual deaths which occur in the County of Los Angeles.

## ASSISTANT CORONER

The Assistant Coroner is the Executive Officer of the Department and is responsible for all administrative and operational functions. He is in charge in the Department Head's absence.

## INQUEST DIVISION

The Chief of the Inquest Division is responsible for setting, preparing, conducting, reporting, and transcribing all formal inquests heard in Los Angeles County. Inquests are set for hearing at the discretion of the Coroner, and also at the request of any of the individuals set forth under 27491.6 of the Government Code. The purpose of the inquest is to determine a mode of death when this cannot be properly accomplished without a formal hearing. Further, the inquest serves as a fact-finding process. Approximately two to four inquests are conducted each week. By law, the hearing must be open to the public.

## PUBLIC SERVICES DIVISION

The Public Services Division is responsible for accounting; transcription of autopsy reports; sale of public documents; handling public inquiries; preparation and provision of case documents in response to subpoenas; control, maintenance and microfilming of Coroner's permanent records; and the protective storage and proper release or disposal of personal property of decedents.

## INVESTIGATION DIVISION

The Investigation Division is responsible for the investigative operations of the Department of Chief Medical Examiner-Coroner. Its personnel work closely with all law enforcement and other governmental agencies in the on-the-scene medicolegal investigations of Coroner's cases. This division also assumes custody of personal property found on the person of the deceased, secures evidence, writes reports, takes at-scene photographs, and transports or causes to be transported to the Coroner's facility or specific mortuaries the cases coming under the Coroner's jurisdiction. Technical support services are in this division, such as photography, x-ray, and allied services. The work of the Department's storekeeper is administered through this Division.

## FORENSIC MEDICINE DIVISION

The Forensic Medicine Division is responsible for the medical aspects of death investigation and has the duty to determine the cause, manner, and circumstances of each death handled by this Department. The Forensic Medicine Division is composed of physicians who are forensic pathologists trained in the interpretation of gunshot wounds, cutting and stabbing wounds, blunt force injuries, etc. and skilled in determining the cause of sudden and unexpected death. These physicians are frequently called upon to explain and interpret the autopsy findings in court, particularly in homicide cases.

## FORENSIC LABORATORY DIVISION

This Division consists of five sections:

Toxicology - This laboratory conducts qualitative and quantitative analysis on blood and other tissue specimens and medical evidence to determine the presence or absence of poisons, drugs, or other chemicals.

Histopathology - This laboratory is responsible for processing tissues and preparing slides for microscopic examination.

Microanalysis - This laboratory conducts the criminalistics' examinations of the Department, e.g. gunshot residue analysis, and the examination of electrocution burns, toolmarks in tissues, etc. by scanning electron microscopy, x-ray spectrophotometry, and other microanalytical instrumentation. The collection of sexual assault evidence is handled by this section.

Evidence Control - This section is responsible for the preparation of various collection kits; the maintenance of evidence collection supplies on the service floor; and the logging in, storage, and release of evidence.

Data Processing - This section is responsible for collecting and tabulating Coroner case data, publishing a Biennial Report, furnishing selected data to various agencies and individuals, and gathering data for special research projects. A PDP-11/03 Digital Computer is utilized.

All laboratories are responsible for related duties such as the interpretation of various tests and testifying in court.



## RESEARCH & EDUCATION COORDINATOR

The Coordinator is responsible, 1) for directing the training and coordinating the research activities among the professional staff members in the Department, 2) for maintaining liaison with scientists in the community, 3) for keeping the Department abreast of changing technology, and 4) for advancing the state of the art of the forensic sciences. The Coordinator serves as a member of the Department's Research and Education Committee which formulates policies and programs for research and education.

## FINANCIAL STATEMENT

	<u>July 1, 1977</u> <u>June 30, 1978</u>	<u>July 1, 1978</u> <u>June 30, 1979</u>
<u>EXPENDITURE</u>		
Salaries & Employee Benefits	\$2,544,956.00	\$2,581,339.00
Services and Supplies	326,824.00	301,776.00
Fixed Assets	3,922.00	61,611.00
	<hr/>	<hr/>
Total	\$2,875,702.00	\$2,944,726.00
 <u>REVENUE</u>		
Embalming Fees	\$ 72,947.58	\$ 48,428.13
Sale of Documents	13,015.02	45,116.90
Witness Fees	9,759.22	7,310.38
Grant Funds	0.00	0.00
Autopsies	3,982.00	8,386.83
Other Revenue	2,653.30	6,663.28
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Total	\$ 102,357.12	\$ 115,905.52
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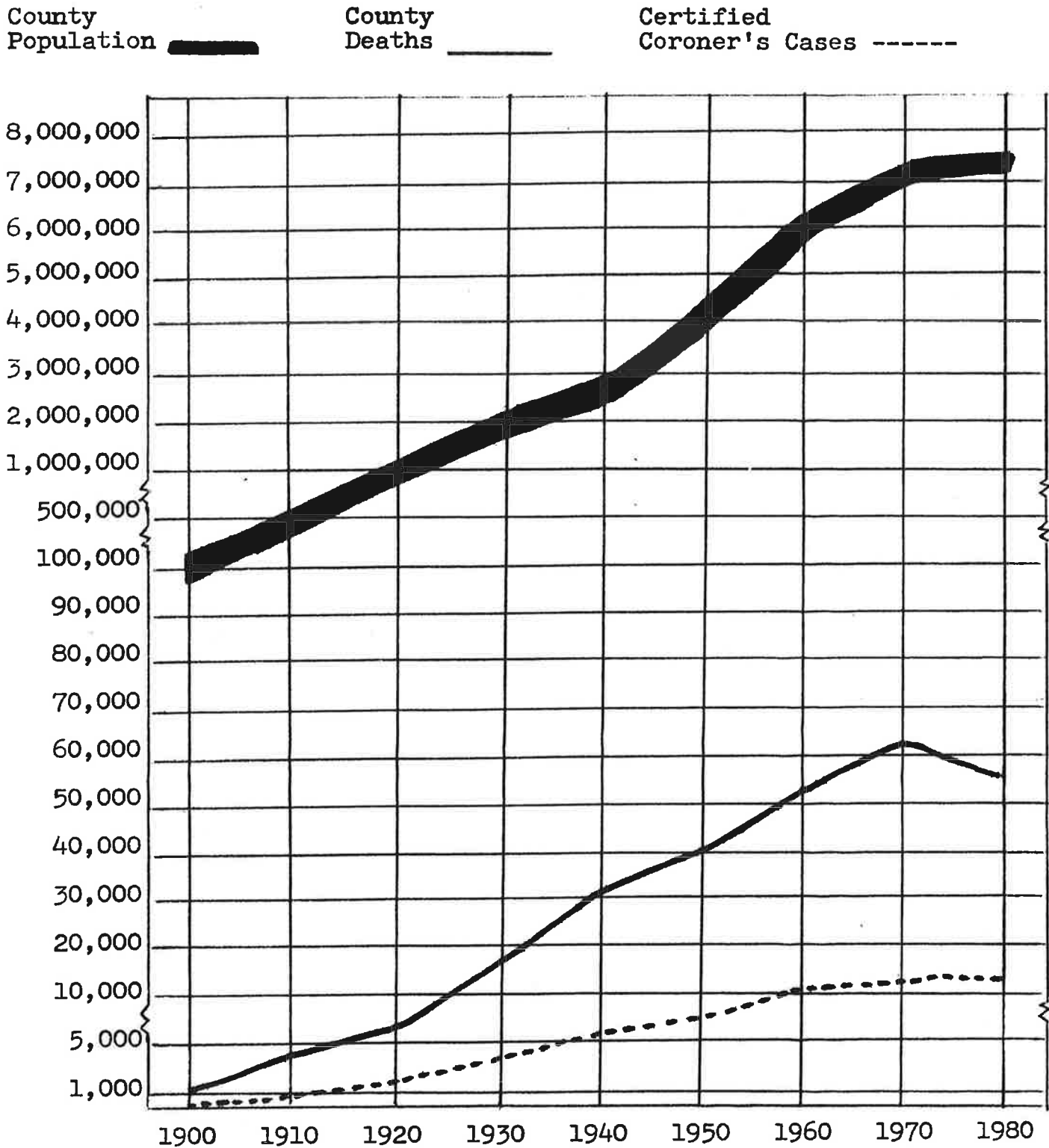
COMPARISION STATISTICS 1900 - 1979

<u>Year</u>	<u>Los Angeles County Population</u>	<u>Total County Deaths</u>	<u>Total Certified Coroner's Cases</u>	<u>Percentage of County Deaths Which are Coroner's Cases</u>	<u>Rate of Coroner's Cases per 100,000 Population</u>
1900	170,298	NA	339	NA	199.1
1910	540,131	NA	646	NA	128.1
1920	936,455	NA	1,552	NA	165.7
1930	2,208,492	NA	3,894	NA	176.3
1940	2,785,643	31,068	5,456	17.56%	195.9
1950-51	4,172,220	40,602	7,774	19.15%	186.3
1955-56	5,085,864	48,258	9,450	19.58%	185.8
1960-61	6,068,148	54,307	10,825	19.93%	178.4
1965-66	6,814,000	59,638	13,128	22.01%	192.7
1970-71	7,032,075	62,561	13,715	21.92%	195.0
1971-72	7,090,452	62,194	13,238	21.29%	186.7
1972-73	7,098,826	61,575	13,241	21.50%	186.5
1973-74	7,000,679	61,008	15,148	24.83%	216.4
1974-75	6,992,299	59,973	15,735	26.24%	225.0
1975-76	7,018,603	58,955	15,030	25.49%	214.1
1976-77	7,042,538	57,353	13,515	23.56%	191.9
1977-78	7,083,431	57,036	13,763	24.13%	194.3
1978-79	7,146,500	57,167	13,908	24.33%	194.6

NA - County death totals not available.

Note: Estimated total county deaths for the fiscal year.

COMPARISON STATISTICS 1900-1979



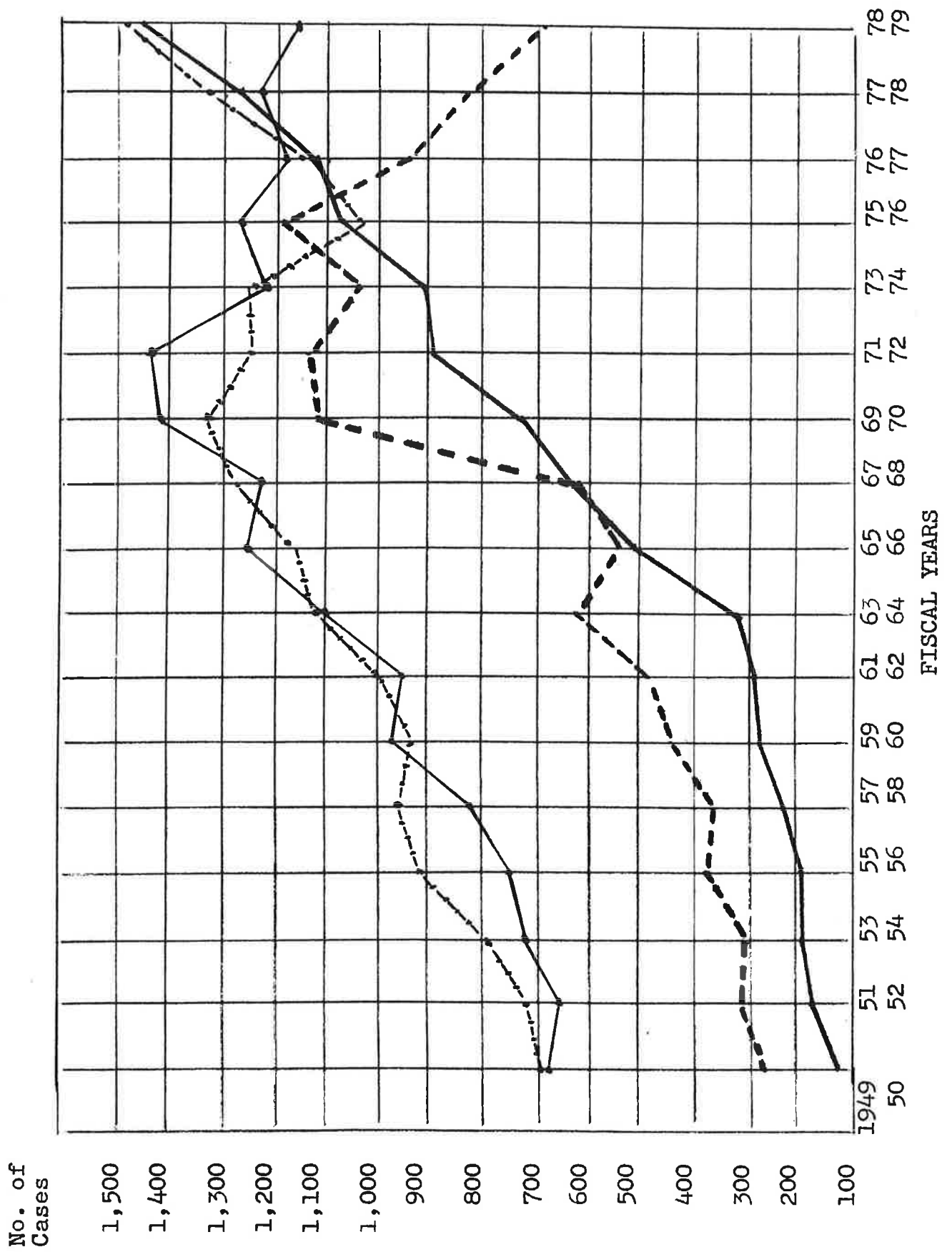
# THIRTY-YEAR COMPARISON OF SOME SPECIFIC DEATHS

<u>Fiscal Yr.</u>	<u>County Population</u>	<u>Suicides</u>	<u>Homicides</u>	<u>Vehicular Accidents</u>	<u>Drugs &amp; Poisons</u>
1949-1950	4,090,000	695	136	700	280
1950-1951	4,172,220	692	135	709	311
1951-1952	4,302,415	667	172	724	328
1952-1953	4,511,737	715	152	887	333
1953-1954	4,676,863	723	193	777	320
1954-1955	4,890,567	741	163	792	398
1955-1956	5,085,864	753	193	927	393
1956-1957	5,290,246	718	235	1,052	417
1957-1958	5,507,429	818	233	961	384
1958-1959	5,709,011	861	229	908	395
1959-1960	5,919,368	973	282	935	453
1960-1961	6,068,148	937	296	918	396
1961-1962	6,337,000	949	291	998	491
1962-1963	6,469,000	1,136	330	1,064	605
1963-1964	6,604,000	1,102	331	1,120	634
1964-1965	6,723,000	1,161	393	1,171	629
1965-1966	6,814,000	1,258	484	1,153	558
1966-1967	6,880,000	1,197	503	1,218	507
1967-1968	6,941,000	1,239	633	1,286	630
1968-1969	7,001,000	1,113	683	1,306	*1,044
1969-1970	7,044,721	1,407	718	1,344	1,139
1970-1971	7,032,075	1,519	782	1,154	1,359
1971-1972	7,090,452	1,442	897	1,261	1,152
1972-1973	7,098,826	1,332	966	1,218	1,045
1973-1974	7,000,679	1,225	902	1,262	1,060
1974-1975	6,992,299	1,022	944	1,060	1,080
1975-1976	7,018,603	1,263	1,083	1,039	1,195
1976-1977	7,042,538	1,196	1,125	1,133	943
1977-1978	7,083,431	1,226	1,273	1,321	846
1978-1979	7,146,500	1,165	1,455	1,472	696

\*Narcotics first reported in 1968.

# THIRTY-YEAR COMPARISON OF SOME SPECIFIC DEATHS

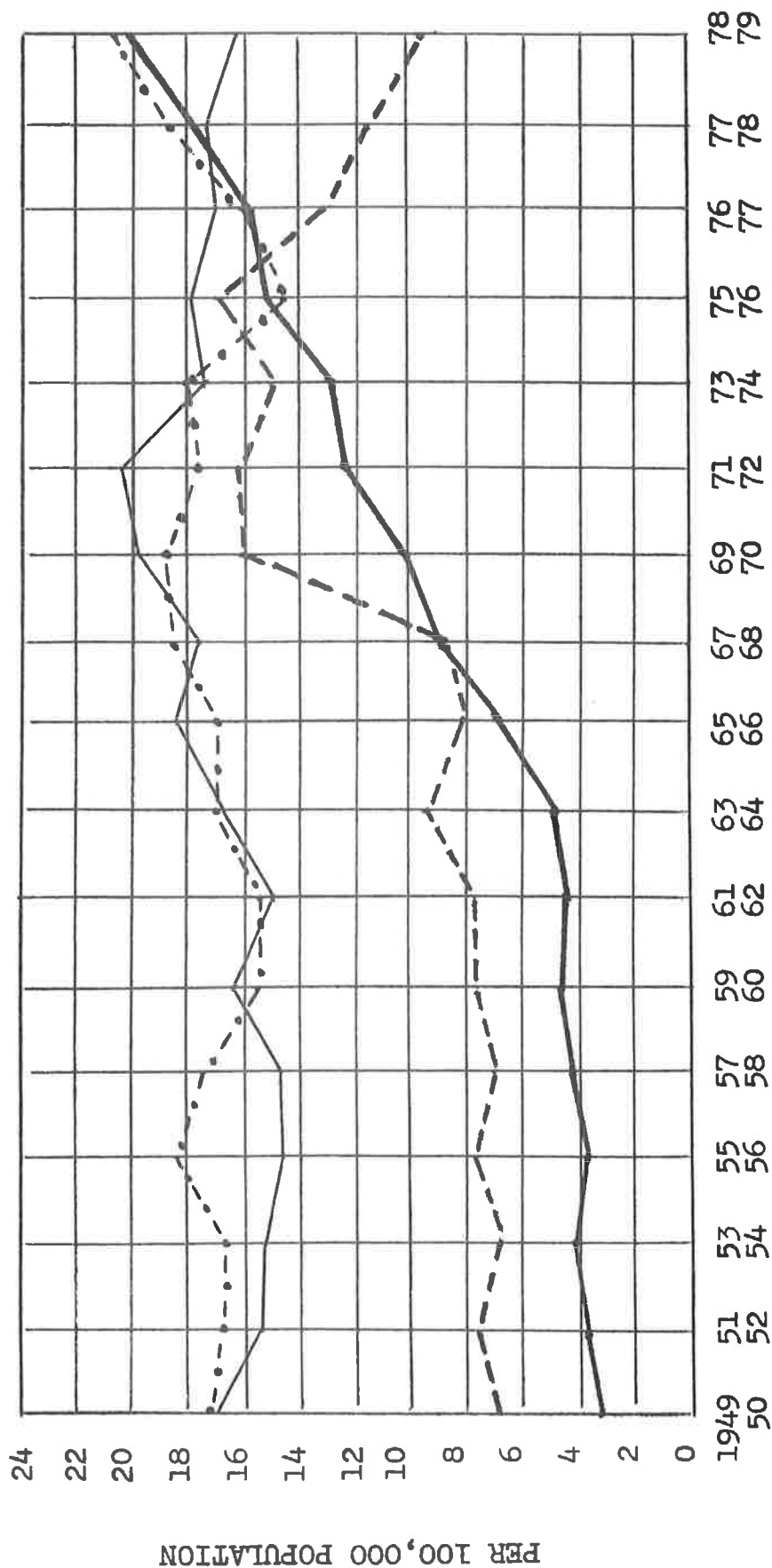
HOMICIDES  DRUGS & POISONS   
 SUICIDES  VEHICULAR ACCIDENTS 



# THIRTY-YEAR RATES OF SOME SPECIFIC DEATHS

PER 100,000 POPULATION

HOMICIDES ——— DRUGS & POISONS - - - -  
 SUICIDES ——— VEHICULAR ACCIDENTS . . . .



FISCAL YEAR

WORKLOAD COMPARISON 1970-1979

<u>Fiscal Yr.</u>	<u>Reported/ Investigated Cases</u>	<u>Certified Cases</u>	<u>Coroner Autopsies</u>	<u>Toxicology Tests</u>	<u>Histo- pathology Slides</u>
1970-1971	13,821	13,715	7,534	20,419	14,845
1971-1972	13,981	13,238	6,342	27,312	10,891
1972-1973	17,658	13,241	6,321	36,581	11,008
1973-1974	19,102	15,148	6,615	37,904	9,560
1974-1975	16,423	15,735	6,937	45,623	12,507
1975-1976	16,182	15,030	7,139	49,431	16,153
1976-1977	15,549	13,515	6,443	45,607	13,079
1977-1978	16,206	13,763	7,069	45,438	14,901
1978-1979	16,662	13,908	5,620	58,609	13,235



# DEATHS CAUSED BY FIREARMS

July 1, 1977 - June 30, 1978

Type of Firearm	Mode of Death				Total	Percent of Total
	Homicide	Suicide	Accident	Undetermined		
Handgun	375	373	12	2	762	57.73%
Rifle	43	107	1	0	151	11.44%
Shotgun	96	49	2	1	148	11.21%
Unknown	257	0	0	2	259	19.62%
Total	771	529	15	5	1,320	100.00%
Percent of Total	58.41%	40.07%	1.14%	0.38%	100.0%	

July 1, 1978 - June 30, 1979

Type of Firearm	Mode of Death				Total	Percent of Total
	Homicide	Suicide	Accident	Undetermined		
Handgun	369	380	9	1	759	53.30%
Rifle	48	92	4	0	144	10.11%
Shotgun	112	46	0	1	159	11.17%
Unknown	361	0	0	1	362	25.42%
Total	890	518	13	3	1,424	100.00%
Percent of Total	62.5%	36.4%	0.9%	0.2%	100.0%	

F I S C A L      Y E A R  
1977 - 1978

INVESTIGATED DEATHS BY MONTH  
July 1, 1977 - June 30, 1978

Month	Natural	Suicide	Homicide	Accidents Excluding Vehicular*	Vehicular Accidents	Unde- ter- mined	Inquiry	Non- Coroner	TOTALS
July	648	118	98	189	106	6	97	110	1,372
August	625	122	114	177	114	14	88	90	1,344
September	600	102	112	119	121	9	103	91	1,257
October	643	119	115	178	123	6	88	118	1,390
November	645	84	112	140	121	5	89	91	1,287
December	733	94	117	148	117	9	95	108	1,421
January	811	97	105	179	102	11	145	136	1,586
February	671	98	96	139	89	13	87	123	1,316
March	653	118	117	166	101	21	102	114	1,392
April	636	91	85	175	100	12	93	84	1,276
May	639	93	95	165	112	12	127	99	1,342
June	570	90	107	160	115	16	77	88	1,223
TOTALS	7,874	1,226	1,273	1,935	1,321	134	1,191	1,252	16,206

\*Includes the 33 aircraft accidents

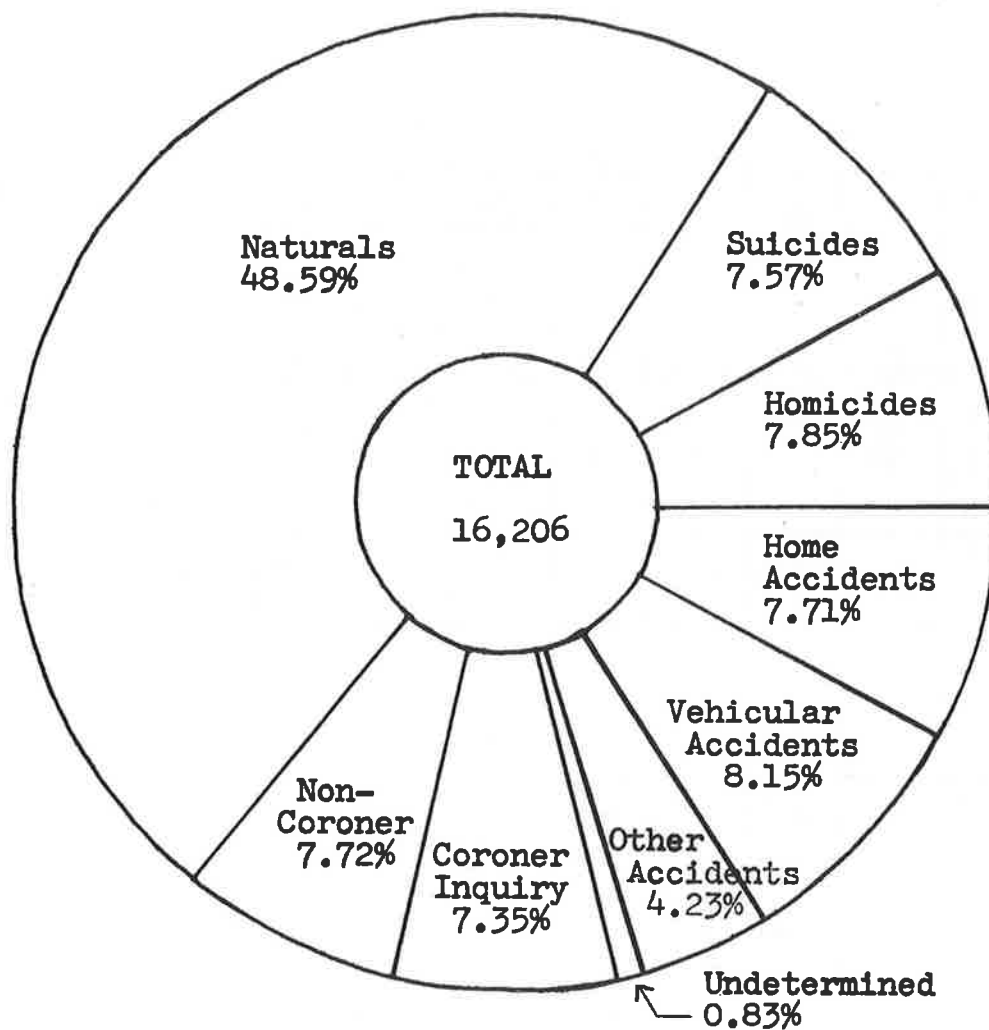
CASELOAD AND POPULATION RATES  
July 1, 1977 - June 30, 1978

<u>Mode of Death</u>	<u>Total Cases Reported/ Investigated</u>	<u>Percent of Total</u>	<u>*Rate per 100,000 Population</u>
Naturals	7,874	48.59	111.16
Suicides	1,226	7.57	17.30
Homicides	1,273	7.85	17.97
Accidents	3,256	20.09	45.97
Home	(1,248)	( 7.71)	(17.62)
Vehicular	(1,296)	( 8.00)	(18.29)
Occupational	( 93)	( 0.57)	( 1.31)
Therapeutic	( 26)	( 0.16)	( 0.36)
Railway	( 25)	( 0.15)	( 0.35)
Aircraft	( 33)	( 0.20)	( 0.46)
Other	( 535)	( 3.30)	( 7.55)
Undetermined	134	0.83	1.89
Coroner Inquiry	1,191	7.35	16.81
Non-Coroner	<u>1,252</u>	<u>7.72</u>	<u>17.68</u>
 TOTAL	 <u>16,206</u>	 <u>100.00</u>	 <u>228.78</u>

\*Based on the Los Angeles County Population of 7,083,431 residents  
(January 1, 1978, population estimate Los Angeles County Regional  
Planning Department/Population and Human Resources)

MEDICAL EXAMINER-CORONER CASELOAD

July 1, 1977 - June 30, 1978



TOTAL CASES BY AGE GROUP, SEX, AND MODE OF DEATH

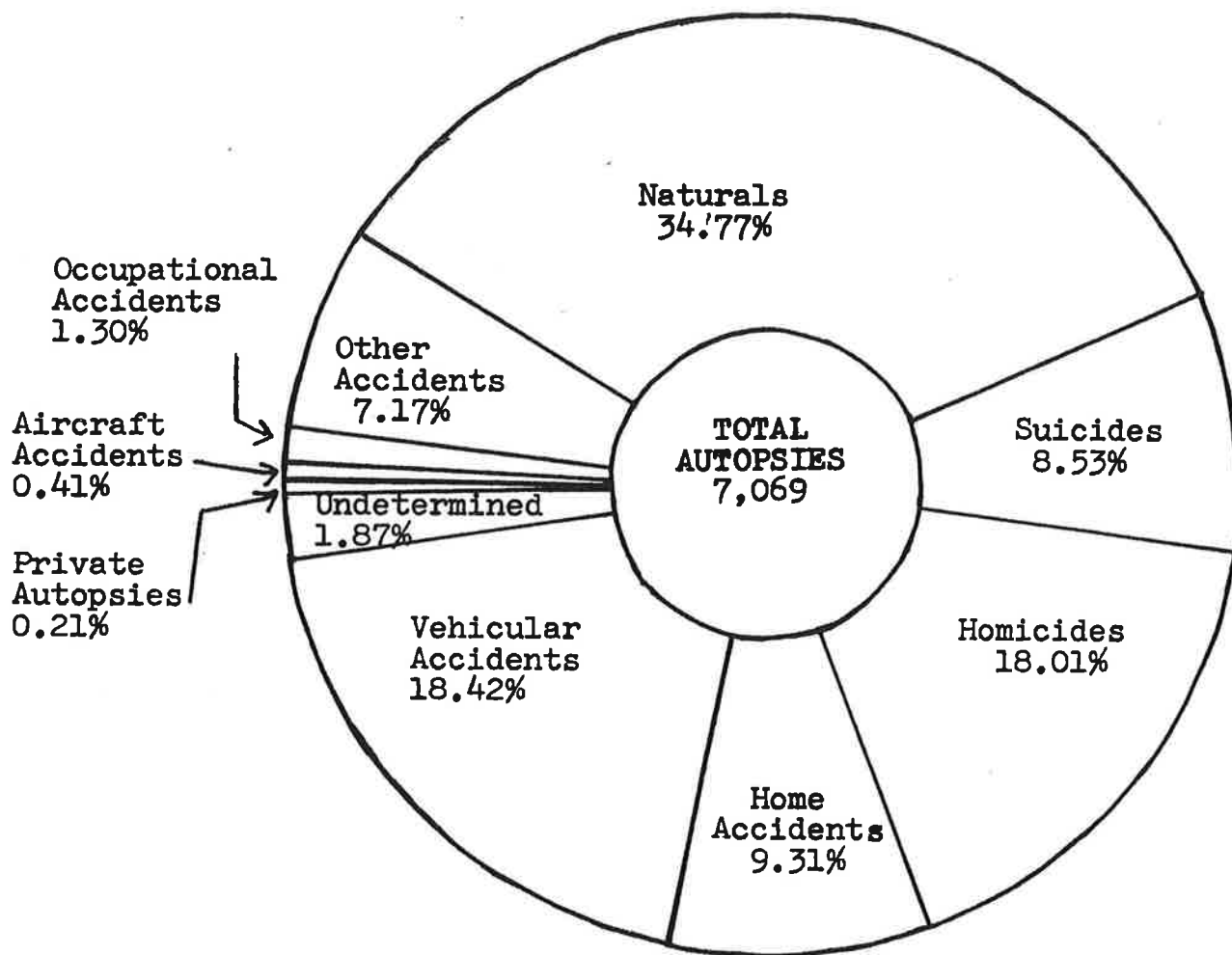
July 1, 1977 - June 30, 1978

Mode of Death	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤	Un- known Age		
Naturals	M	227	34	96	173	479	1019	1226	1531		4,785	7,874
	F	179	19	50	91	169	338	553	1690		3,089	
Suicides	M		58	244	141	102	100	71	88		804	1,226
	F		19	102	80	64	71	42	44		422	
Homicides	M	10	137	344	225	120	83	42	20		981	1,273
	F	24	49	89	38	31	30	10	21		292	
Accidental Deaths	Accident Total	M	141	250	495	271	185	185	142	349	2,018	3,256
		F	79	78	190	116	84	94	76	521	1,238	
	Vehic- ular	M	56	182	297	113	77	79	50	89	943	1,321
		F	38	54	93	44	24	37	28	60	378	
	Air- craft	M		1	7	7	6	1	4	1	27	33
		F		2	1				2	1	6	
	Occupa- tional	M		3	17	14	12	19	12	14	91	93
		F			1			1			2	
	Home and Other	M	85	64	174	137	90	86	76	245	957	1,809
		F	41	22	95	72	60	56	46	460	852	
Undeter- mined	M	5	6	20	21	7	13	5	5	2	84	134
	F	5	2	12	8	4	10	3	1	1	46	
	U			1						3	4	
Sub Total	M	383	485	1199	831	893	1400	1486	1993	2	8,672	13,763
	F	287	167	443	333	352	543	684	2277	1	5,087	
	U			1						3	4	
Total		670	652	1,643	1,164	1,245	1,943	2,170	4,270	6	13,763	

AUTOPSIED CASES BY MODE OF DEATH  
July 1, 1977 - June 30, 1978

<u>Mode of Death</u>	<u>Total Cases as Certified</u>	<u>Number Autopsied</u>	<u>Percent Autopsied of Specific Mode</u>	<u>Percent of Total Autopsied</u>
Naturals	7,874	2,458	31.22	34.77
Suicides	1,226	603	49.18	8.53
Homicides	1,273	1,273	100.00	18.01
Accidents	3,256	2,588	79.48	36.61
Home	( 1,248)	( 658)	( 52.72)	( 9.31)
Vehicular	( 1,321)	(1,302)	( 98.56)	( 18.42)
Occupational	( 93)	( 92)	( 98.92)	( 1.30)
Aircraft	( 33)	( 29)	( 87.88)	( 0.41)
Other	( 561)	( 507)	( 90.37)	( 7.17)
Undetermined	134	132	98.51	1.87
 TOTAL	 13,763	 7,054	 51.25	 99.79
Total private autopsies handled in addition to regular caseload		15		0.21
Total autopsies for the year		<u>7,069</u>		<u>100.00%</u>

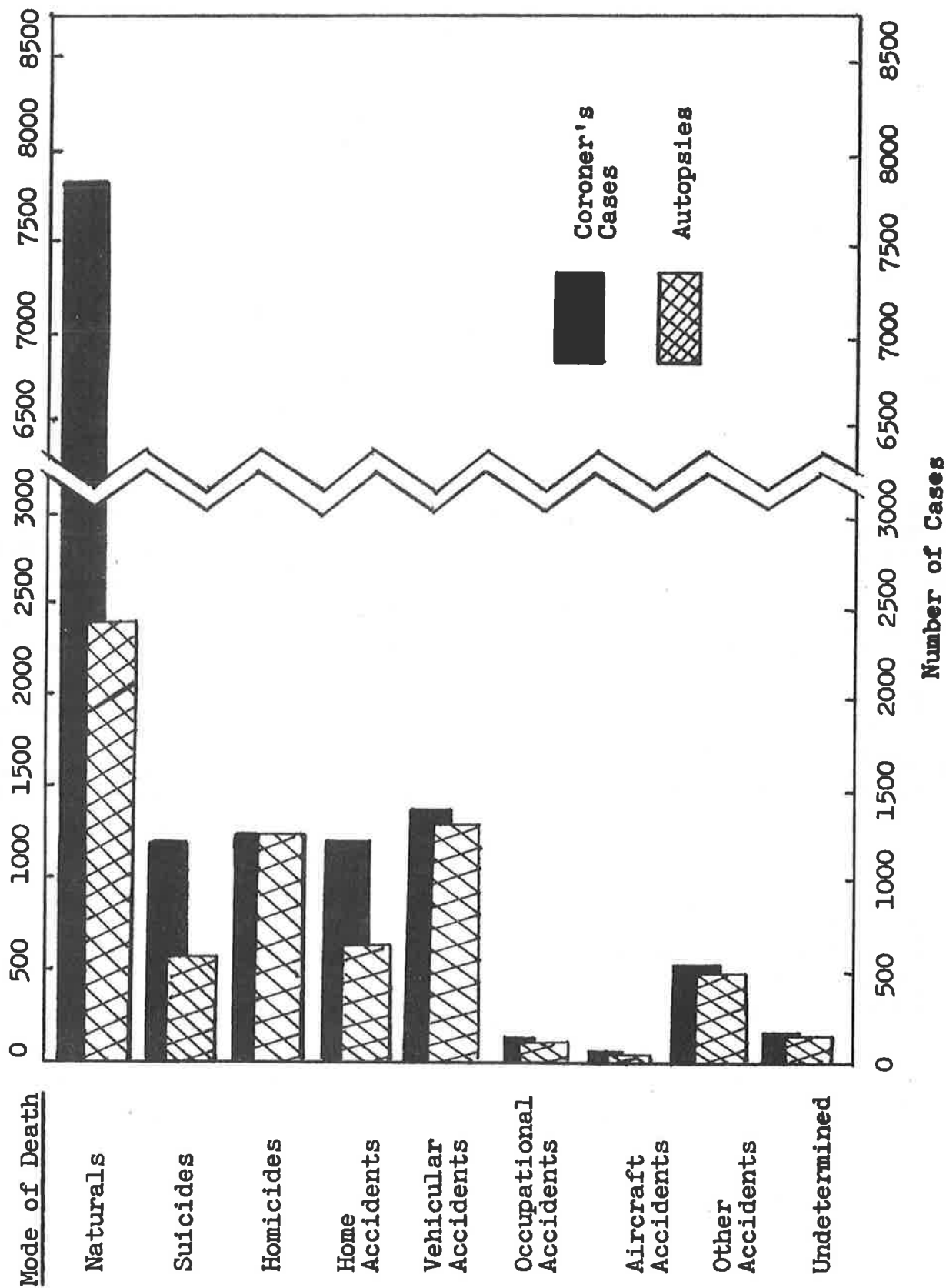
AUTOPSIED CASES BY MODE OF DEATH  
July 1, 1977 - June 30, 1978





# AUTOPSIES AND CORONER'S CASES BY MODE OF DEATH

July 1, 1977 - June 30, 1978



**DEATHS FROM NATURAL CAUSES - IN MAJOR GROUPS**  
**International Classification of Diseases, Adapted (ICDA)**  
**(Disease, Sex, and Autopsies)**  
**July 1, 1977 - June 30, 1978**

Disease	Number of Cases			Cases Autopsied	% of Disease Autopsied	% of Grand Total
	Male	Female	Total			
Infective and Parasitic	24	15	39	33	84.62	0.50
Neoplasm, cancer and tumors	152	165	317	79	24.92	4.03
Endocrine, Nutritional, and Metabolic	35	27	62	29	46.77	0.79
Blood and Blood Forming Organs	4	5	9	9	100.00	0.11
Mental and Psychoneurotic	33	5	38	19	50.00	0.48
Nervous System and Sense Organ	35	19	54	35	64.81	0.69
Circulatory System	3851	2458	6309	1426	22.60	80.12
Respiratory System	157	103	260	207	79.62	3.30
Digestive System	263	114	377	240	63.66	4.79
Genitourinary System	8	8	16	12	75.00	0.20
Complications of Pregnancy		3	3	3	100.00	0.04
Subcutaneous Tissue and Skin	1		1	1	100.00	0.01
Musculoskeletal System	1	1	2	1	50.00	0.03
Congenital Anomalies	23	11	34	31	91.18	0.43
Early Infancy Mortality	19	23	42	38	90.48	0.53
Ill-defined Conditions	50	39	89	73	82.02	1.13
Sudden Infant Death (SID)	129	93	222	222	100.00	2.82
Total	4785	3,089	7874	2,458	31.22	100.00

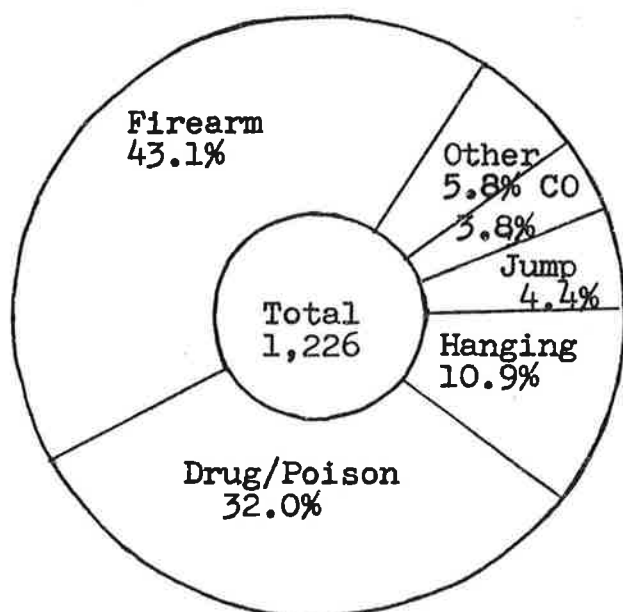
DEATHS FROM NATURAL CAUSES - IN MAJOR GROUPS  
International Classification of Diseases, Adapted (ICDA)  
(Disease, Age, and Sex)  
July 1, 1977 - June 30, 1978

Disease	Sex	0 min.	1 min 11 $\leq$ mo.	1 yr 9 $\leq$	10 19 $\leq$	20 29 $\leq$	30 39 $\leq$	40 49 $\leq$	50 59 $\leq$	60 69 $\leq$	70 $\leq$	Sub Total	Total
Infective & Parasitic	M		5	2	2	1	2	6	4		2	24	39
	F		2		2	2	2	1	1	3	2	15	
Neoplasms	M			1		4	6	9	27	49	56	152	317
	F		1	1		1	4	10	31	38	79	165	
Endocrine, Nutritional, Metabolic	M					1	7	7	7	7	6	35	62
	F					3	2	4	4	7	7	27	
Blood & Blood Forming Organs	M					1	2	1				4	9
	F		1	2	2							5	
Mental Disorders	M					2	4	7	13	5	2	33	38
	F			1			1	1		2		5	
Nervous System Sense Organs	M		6	5		3	1	7	7	1	5	35	54
	F		2	4	2	4		1	1	3	2	19	
Circulatory System	M		6	3	20	55	100	333	850	1096	1388	3,851	6,309
	F		7	6	6	26	54	99	254	461	1545	2,458	
Respiratory System	M		16	9	2	11	8	27	25	22	37	157	260
	F		15	3	5	4	6	11	13	14	32	103	
Digestive System	M			1	1	11	35	72	73	41	29	263	377
	F		1			4	13	32	29	18	17	114	
Genitourinary System	M				1	1	2	1		1	2	8	16
	F					1	1	1	2	2	1	8	
Complications of Pregnancy	M												3
	F					1	1	1				3	
Subcutaneous Tissue & Skin	M								1			1	1
	F												
Musculoskel- etal System	M									1		1	2
	F									1		1	
Congenital Anomalies	M	1	12	2	2	2	2	2				23	34
	F		7	2	2							11	
Early Infancy Mortality	M	13	6									19	42
	F	20	3									23	
Ill-defined Conditions	M	1	8	1	6	4	4	7	12	3	4	50	89
	F	1	4	3		4	7	8	3	4	5	39	
Sudden Infant Death (SID)	M		129									129	222
	F		91	2								93	
Sub Total	M	15	188	24	34	96	173	479	1,019	1,226	1,531	4,785	7,874
	F	21	134	24	19	50	91	169	338	553	1,690	3,089	
Total		36	322	48	53	146	264	648	1,357	1,779	3,221	7,874	

# SUICIDES

July 1, 1977 - June 30, 1978

## METHOD OF SUICIDE

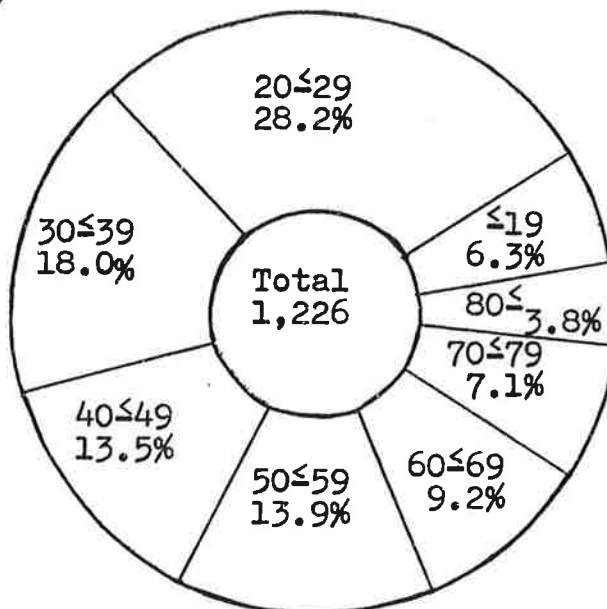


Firearm	529
Drug/Poison	392
Hanging	134
Jumping	54
Carbon Monoxide	46
Other	71
<b>TOTAL</b>	<b>1,226</b>

## AGE GROUPS

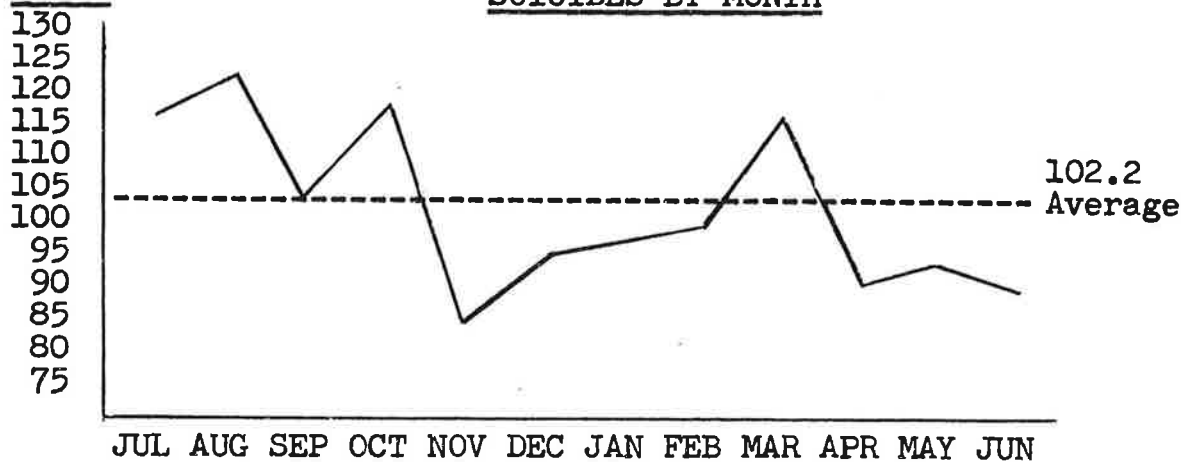
≤ 19	77
20 ≤ 29	346
30 ≤ 39	221
40 ≤ 49	166
50 ≤ 59	171
60 ≤ 69	113
70 ≤ 79	86
80 ≤	46

**TOTAL 1,226**



## NO. OF CASES

## SUICIDES BY MONTH



SUICIDES  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Type of Suicide	Age Groups										Sub Total	Total
	Sex	0 ≤ 9	19 ≤ 10	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Firearms	M		34	133	74	55	53	35	40	13	437	529
	F		3	23	22	18	11	8	6	1	92	
Drugs	M		4	35	30	24	17	12	6	3	131	384
	F		15	59	49	37	45	22	16	10	253	
Poisons	M			2	1	1		1		1	6	8
	F			1		1					2	
Hanging	M		12	42	12	9	12	13	6	5	111	134
	F		1	8	5	1	1	4	1	2	23	
Jumping	M		5	10	5	7	4	3	3	2	39	54
	F			6			3	4	2		15	
Carbon Monoxide Auto	M		1	4	7	2	7	3	1	2	27	39
	F				2	3	7				12	
Carbon Monoxide Other	M			1	2	1	1				5	7
	F			1					1		2	
Drowning	M			2	2		1	1			6	15
	F			2		2	1	1	1	2	9	
Suffocation	M			5				1		1	7	10
	F							1	1	1	3	
Sharp Instruments	M		1	4	2	2	2			2	13	18
	F					2	1	2			5	
Burns	M			2	4	1	3				10	12
	F				1		1				2	
Vehicle	M		1	3	2			1			7	11
	F			2	1		1				4	
Other	M			1				1	2	1	5	5
	F											
Sub Total			58	244	141	102	100	71	58	30	804	1,226
			19	102	80	64	71	42	28	16	422	
Total			77	346	221	166	171	113	86	46	1,226	

SUICIDES  
(Ethnic Group, Sex, and Type)  
July 1, 1977 - June 30, 1978

Method of Suicide	White		Spanish Surname		Black		Japanese		Chinese		Other		Sub Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Firearms	366	77	24	5	42	8	2				3	2	437	92	529
Drugs	113	206	4	14	12	31	1	1			1	1	131	253	384
Poisons	5	2			1								6	2	8
Hanging	82	17	14	1	4	2	5	1	1		5	2	111	23	134
Jumping	32	15	3		3						1		39	15	54
Carbon Monoxide Auto	23	12	2		1		1						27	12	39
Carbon Monoxide Other	4	2			1								5	2	7
Drowning	4	8	2			1							6	9	15
Suffocation	7	2						1					7	3	10
Sharp Instruments	6	5	2		4						1		13	5	18
Burns	7	1	3	1									10	2	12
Vehicle	5	3	2	1									7	4	11
Other	2		1		1		1						5		5
Sub Total	656	350	57	22	69	42	10	3	1		11	5	804	422	1,226
Total	1,006		79		111		13		1		16		1,226		

**SUICIDES**  
(Ethnic Group, Sex, and Age)  
July 1, 1977 - June 30, 1978

Ethnic Group	Sex	Age Groups								Sub Total	Total
		0 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
White	M	47	182	105	87	88	66	52	29	656	1,006
	F	13	70	61	56	66	41	27	16	350	
Spanish Surname	M	4	24	19	4	2	3	1		57	79
	F	2	11	4	3	2				22	
Black	M	4	28	13	9	9	1	4	1	69	111
	F	4	20	11	4	3				42	
Japanese	M		7		1		1	1		10	13
	F		1	1				1		3	
Chinese	M					1				1	1
	F										
Korean	M			3						3	6
	F			2			1			3	
Iranian	M	1								1	1
	F										
Vietnamese	M		1							1	1
	F										
American Indian	M				1					1	3
	F			1	1					2	
India Indian	M			1						1	1
	F										
Filipino	M	1								1	1
	F										
Other Oriental	M		1							1	1
	F										
Polynesian	M		1							1	1
	F										
Thai	M	1								1	1
	F										
Sub Total	M	58	244	141	102	100	71	58	30	804	1,226
	F	19	102	80	64	71	42	28	16	422	
Total		77	346	221	166	171	113	86	46	1,226	



SUICIDE  
DRUG DEATHS  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Drugs	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Barbiturates	M		2	12	14	6	10	7	5	1	57	165
	F		6	22	15	12	25	11	11	6	108	
Narcotics	M											
	F											
Combined Barbiturate and Narcotic	M											2
	F			1				1			2	
Analgesics	M		1	2	1	6	2			2	14	44
	F		4	10	7	2	2	2	2	1	30	
Anesthetics	M			1		1	1				3	10
	F			1	3	1	1		1		7	
Hypnotics, Sedatives, and Tranquilizers	M		1	7	4	6	2	3	1		24	50
	F		1	4	5	7	4	3	1	1	26	
Stimulants and Anti- depressants	M			6	5	2	2	1			16	39
	F		1	6	5	4	5		1	1	23	
Multiple Drugs	M			6	5	3					14	64
	F		3	12	13	10	7	5			50	
Other Drugs	M				1			1			2	5
	F				1	1				1	3	
Unknown Drugs	M			1							1	5
	F			3			1				4	
Ethanol Only	M											
	F											
Poisons	M			2	1	1		1		1	6	8
	F			1		1					2	
Sub Total	M		4	37	31	25	17	13	6	4	137	392
	F		15	60	49	38	45	22	16	10	255	
Total			19	97	80	63	62	35	22	14	392	

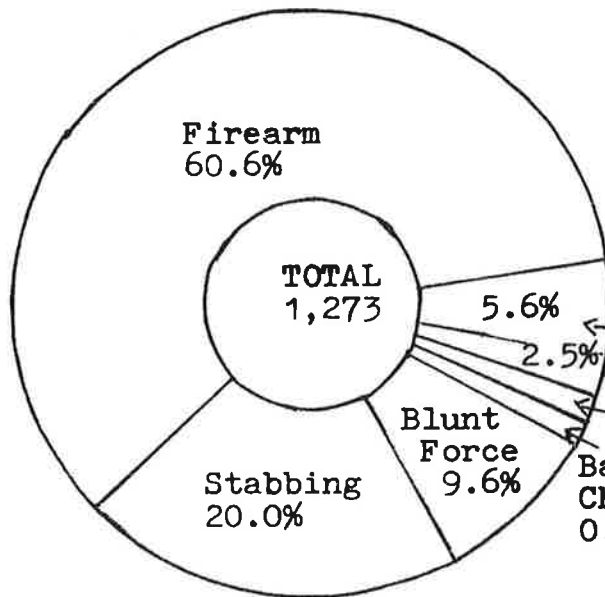


SUICIDE  
DRUG DEATHS  
(Ethnic Group, Sex, and Type)  
July 1, 1977 - June 30, 1978

Drugs		Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M	51	1	4	1			57	165
	F	84	5	19				108	
Narcotics	M								
	F								
Combined Barbiturate and Narcotic	M								2
	F	1		1				2	
Analgesics	M	10		3			1	14	44
	F	28		1			1	30	
Anesthetics	M	3						3	10
	F	6		1				7	
Hypnotics, Sedatives, and Tranquilizers	M	22	1	1				24	50
	F	21	2	2	1			26	
Stimulants and Anti- depressants	M	12	2	2				16	39
	F	18	3	2				23	
Multiple Drugs	M	12		2				14	64
	F	42	3	5				50	
Other Drugs	M	2						2	5
	F	3						3	
Unknown Drugs	M	1						1	5
	F	3	1					4	
Ethanol Only	M								
	F								
Poisons	M	5		1				6	8
	F	2						2	
Sub Total	M	118	4	13	1		1	137	392
	F	208	14	31	1		1	255	
Total		326	18	44	2		2	392	

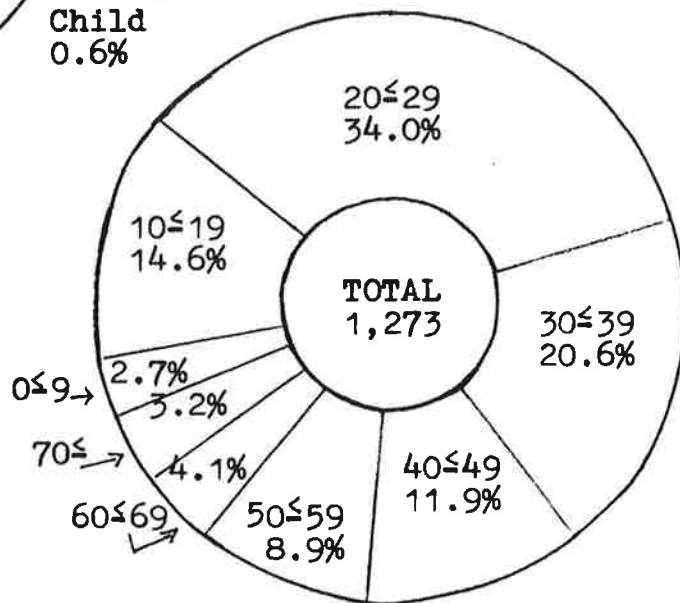
# HOMICIDES

July 1, 1977 - June 30, 1978



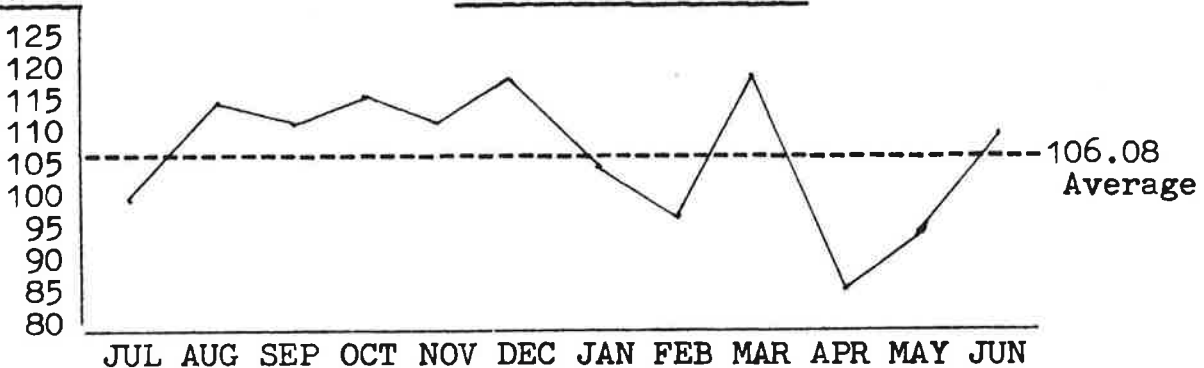
METHOD OF HOMICIDE	
Firearm	771
Stabbing	255
Blunt Force	122
Strangulation	71
Suffocation	14
Battered Child	8
Other	32
<b>Total</b>	<b>1,273</b>

AGE GROUPS		
0 ≤ 9	34	
10 ≤ 19	186	
20 ≤ 29	433	
30 ≤ 39	263	
40 ≤ 49	151	
50 ≤ 59	113	
60 ≤ 69	52	
70 ≤	41	
<b>Total</b>	<b>1,273</b>	



NO. OF CASES

## HOMICIDES BY MONTH



HOMICIDES  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Type of Homicide	Sex	Age Groups									Sub Total	Total	
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤ —			
Firearms	M	2	101	223	139	72	45	18	3	2	605	716	771
	F	2	18	45	17	9	13	2	5		111		
Police Involved Firearms	M		6	28	11	3	1	1			50	55	55
	F		1	1		2	1				5		
Stabbing	M		20	74	53	29	21	8	2	3	210	255	255
	F	3	5	12	6	6	8	3	2		45		
Blunt Force Assault	M	1	6	13	16	13	9	11	2	5	76	122	122
	F	2	8	6	7	8	3	4	5	3	46		
Strangulation	M		3		2	3	4	2	2		16	71	71
	F	5	14	18	6	5	5			2	55		
Burns	M	2			1						3	7	7
	F	2	1	1							4		
Suffocation	M			1	1		1				3	14	14
	F	4		2	1	1			1	2	11		
Vehicle Involved	M			3			1			1	5	8	8
	F			2	1						3		
Drowning	M			1							1	1	1
	F												
Battered Child	M	4									4	8	8
	F	3	1								4		
Drugs	M				1		1				2	3	3
	F			1							1		
Fall/pushed from higher level	M											2	2
	F	1						1			2		
Others	M	1	1	1	1			2			6	11	11
	F	2	1	1					1		5		
Sub Total	M	10	137	344	225	120	83	42	9	11	981	1,273	1,273
	F	24	49	89	38	31	30	10	14	7	292		
Total		34	186	433	263	151	113	52	23	18	1,273		

**HOMICIDES**  
(Ethnic Group, Sex, and Type)  
July 1, 1977 - June 30, 1978

Type of Homicide	Sex	Ethnic Groups						Sub Total	Total	
		White	Black	Spanish Surname	Chinese	Japanese	Other			
Firearms	M	214	252	123	5	2	9	605	716	771
	F	47	49	13		1	1	111		
Police Involved Firearms	M	29	17	2		1	1	50	55	
	F	1	4					5		
Stabbing	M	91	72	45			2	210	255	
	F	17	23	3		1	1	45		
Blunt Force Assault	M	35	23	15			3	76	122	
	F	35	8	2		1		46		
Strangulation	M	13	1	2				16	71	
	F	28	21	6				55		
Burns	M	2	1					3	7	
	F	3	1					4		
Suffocation	M	1	1	1				3	14	
	F	7	3	1				11		
Vehicle Involved	M	3		2				5	8	
	F	1		1		1		3		
Drowning	M	1						1	1	
	F									
Battered Child	M	1	3					4	8	
	F	2	2					4		
Drugs	M	2						2	3	
	F	1						1		
Fall/pushed from higher level	M								2	
	F	1	1					2		
Other	M	2		4				6	11	
	F	1	3	1				5		
Sub Total	M	394	371	193	5	3	15	981	1,273	
	F	144	114	28		4	2	292		
Total		538	485	221	5	7	17	1,273		

HOMICIDES  
(Ethnic Group, Sex, and Age)  
July 1, 1977 - June 30, 1978

Ethnic Group	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤ 89		
White	M	3	61	123	72	51	39	33	5	7	394	538
	F	8	26	38	17	13	18	6	11	7	144	
Spanish Surname	M	2	38	77	43	18	11	3		1	193	221
	F	5	4	9	4	3	2		1		28	
Black	M	4	38	135	102	50	30	5	4	3	371	485
	F	11	19	39	17	15	10	1	2		114	
Chinese	M			3	1	1					5	5
	F											
Japanese	M			2	1						3	7
	F			2				2			4	
Korean	M				2		2				4	5
	F			1							1	
American Indian	M			1				1			2	2
	F											
India East Indian	M				2						2	2
	F											
Filipino	M	1		2	1		1				5	5
	F											
Thai	M			1	1						2	2
	F											
Other Mongolian	M											1
	F							1			1	
Sub Total	M	10	137	344	225	120	83	42	9	11	981	1,273
	F	24	49	89	38	31	30	10	14	7	292	
Total		34	186	433	263	151	113	52	23	18	1,273	

HOMICIDE  
DRUG DEATHS  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

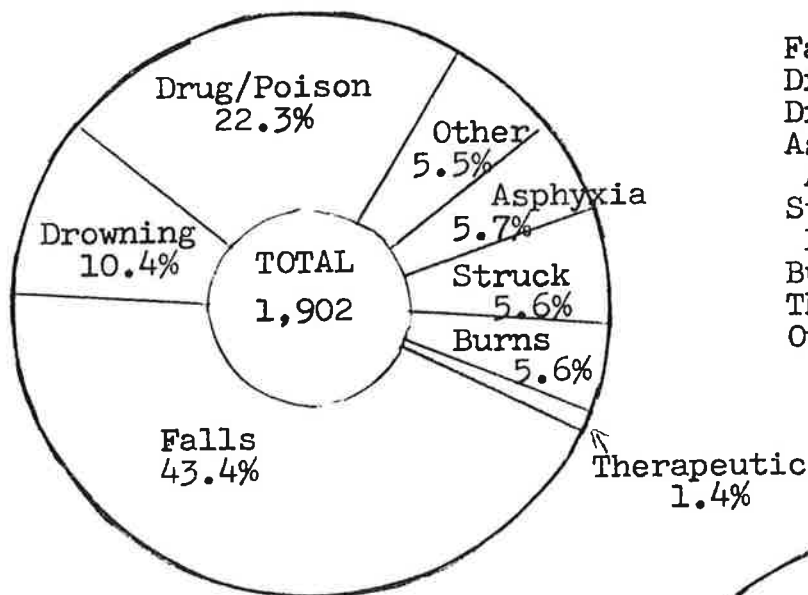
Drugs	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Barbiturates	M											
	F											
Narcotics	M						1				1	2
	F			1							1	
Combined Barbiturate and Narcotic	M											
	F											
Analgesics	M				1						1	1
	F											
Anesthetics	M											
	F											
Hypnotics, Sedatives, and Tranquilizers	M											
	F											
Stimulants and Anti- depressants	M											
	F											
Multiple Drugs	M											
	F											
Other Drugs	M											
	F											
Unknown Drugs	M											
	F											
Ethanol Only	M											
	F											
Poisons	M											
	F											
Sub Total	M				1		1				2	3
	F			1							1	
Total				1	1		1				3	

HOMICIDE  
DRUG DEATHS  
(Ethnic group, Sex, and Type)  
July 1, 1977 - June 30, 1978

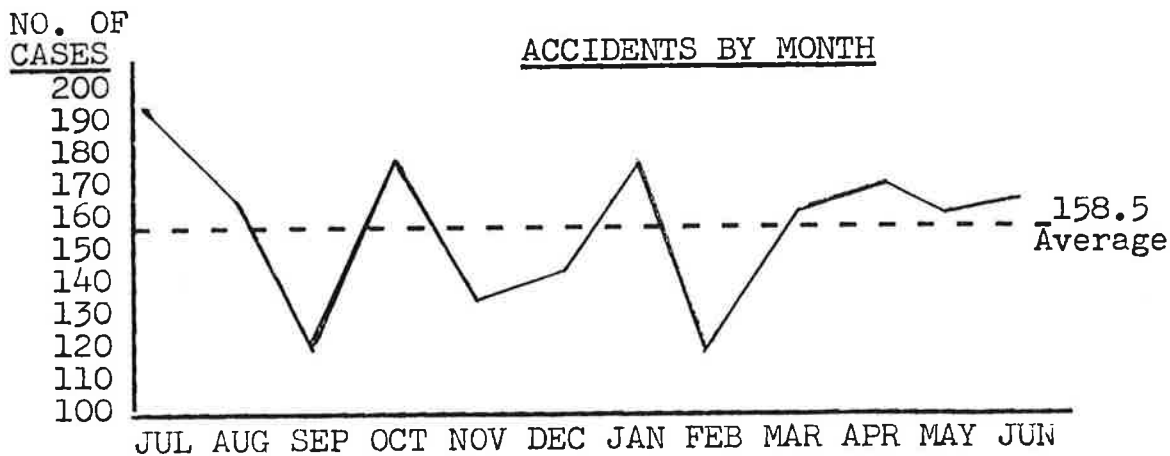
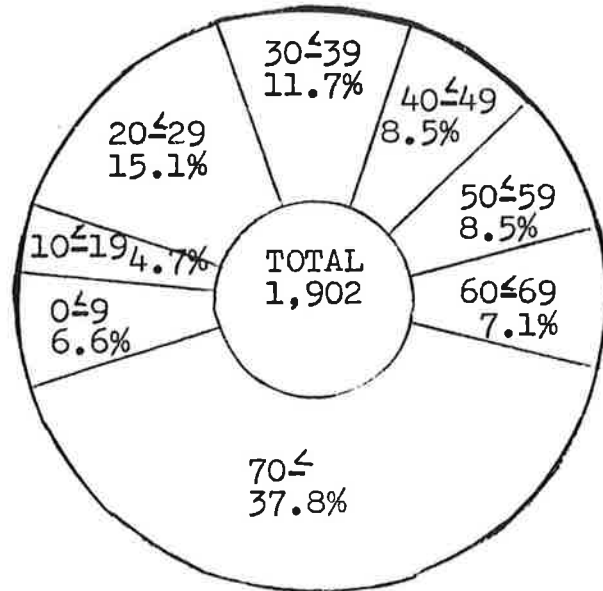
Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M								
	F								
Narcotics	M	1						1	2
	F	1						1	
Combined Barbiturate and Narcotic	M								
	F								
Analgesics	M	1						1	1
	F								
Anesthetics	M								
	F								
Hypnotics, Sedatives, and Tranquilizers	M								
	F								
Stimulants and Anti- depressants	M								
	F								
Multiple Drugs	M								
	F								
Other Drugs	M								
	F								
Unknown Drugs	M								
	F								
Ethanol Only	M								
	F								
Poisons	M								
	F								
Sub Total	M	2						2	3
	F	1						1	
Total		3						3	



# ACCIDENTAL DEATHS July 1, 1977 - June 30, 1978



AGE GROUPS		
0 ≤ 9	126	
10 ≤ 19	89	
20 ≤ 29	287	
30 ≤ 39	223	
40 ≤ 49	162	
50 ≤ 59	162	
60 ≤ 69	134	
70 ≤	719	
<b>TOTAL</b>	<b>1,902</b>	





ACCIDENTAL DEATHS  
July 1, 1977 - June 30, 1978

Type of Accident	Home	Occupational	Other Locations	Total
Aspiration-Food	46		22	68
Aspiration-Foreign Body	8			8
Mechanical Suffocation	15		1	16
Hanging	4		1	5
Struck by Objects	3	5	5	13
Crushed by Objects	3	26	8	37
Burns	91	1	15	107
Carbon Monoxide	10	1	6	17
Falls	659	12	155	826
Drownings	124		73	197
Electrocutions	4	15	4	23
Explosions	4	8	2	14
Cut or Puncture	2		3	5
Firearms	11		4	15
Blunt Force	9	1	47	57
Drugs	246		171	417
Poisons	5		3	8
Therapeutic			26	26
Industrial Fumes, Dust		23		23
Other	4	1	15	20
TOTAL	1,248	93	561	1,902

ACCIDENTAL DEATHS  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Type of Accident	Sex	Age Groups								Sub Total	Total
		0 9	10 19	20 29	30 39	40 49	50 59	60 69	70 over		
Aspiration-Food	M	3	1	1	5	8	6	5	13	42	68
	F	3			1	6	4	7	5	26	
Aspiration-Foreign Body	M	4			1					5	8
	F	1		1					1	3	
Mechanical Suffocation	M	6	2		1	1	1			11	16
	F	3				1	1			5	
Hanging	M		1		3					4	5
	F			1						1	
Struck by Objects	M			2	1	1	3			7	13
	F			1		3			2	6	
Crushed by Objects	M		2	5	6	7	9	2	2	33	37
	F			1	2				1	4	
Burns	M	7	3	7	8	7	10	10	8	60	107
	F	6		4	2	9	7	6	13	47	
Carbon Monoxide	M	1	2	7	2			1	1	14	17
	F							1	2	3	
Falls	M	8	7	20	26	21	29	39	204	354	826
	F	3	3	5	2	8	11	24	416	472	
Drownings	M	44	19	31	13	12	14	6	3	142	197
	F	21	4	8	7	4	2	1	8	55	
Electrocutions	M		2	8	5	2	5	1		23	23
	F										
Explosions	M		2	3	2	3	2	1		13	14
	F								1	1	
Cut or Puncture	M		1	1	1		1		1	5	5
	F										
Firearms	M	1	4	3	1		2			11	15
	F		3	1						4	
Blunt Force	M	3	2	1	7	9	9	9	2	42	57
	F	1		1	3	2	4	1	3	15	
Drugs	M	2	15	96	69	27	9	2	6	226	417
	F	3	12	69	52	22	24	5	4	191	
Poisons	M	1	2	2		1		1		7	8
	F		1							1	
Therapeutic	M	3	1	2		2	3	1	3	15	26
	F			2	2	3	1	1	2	11	
Industrial Fumes, Dust	M						2	7	13	22	23
	F						1			1	
Other	M	2	1	2		1		3	3	12	20
	F			1	1	2	2		2	8	
Sub Total	M	85	67	191	151	102	105	88	259	1,048	1,902
	F	41	22	96	72	60	57	46	460	854	
Total		126	89	287	223	162	162	134	719	1,902	

**OCCUPATIONAL  
ACCIDENTAL DEATHS**  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Type of Accident	Sex	Age Groups								Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤		
Struck by Objects	M				1	1	3			5	5
	F										
Crushed by Objects	M		1	3	6	5	8	1	1	25	26
	F			1						1	
Burns	M			1						1	1
	F										
Carbon Monoxide	M			1						1	1
	F										
Falls	M			4	1	2	2	3		12	12
	F										
Electrocutions	M		1	5	4	1	3	1		15	15
	F										
Explosions	M		1	3	2	2				8	8
	F										
Blunt Force	M					1				1	1
	F										
Industrial Fumes, Dust	M						2	7	13	22	23
	F						1			1	
Vehicle	M						1			1	1
	F										
Sub Total	M		3	17	14	12	19	12	14	91	93
	F			1			1			2	
Total			3	18	14	12	20	12	14	93	

ACCIDENTAL DROWNING  
(Place, Age, and Sex)

July 1, 1977 - June 30, 1978

Place of Drowning	SEX	Age Groups										Sub Total	Total
		0 4 3	4 9	10 19	20 29	30 39	40 49	50 59	60 69	70 79			
Swimming Pool	M	29	5	6	12	4	6	5	3	1	71	104	
	F	9	4	2	2	5	2	1		8	33		
Bathtub	M	2		1	3	1	1	2	2	2	14	26	
	F	5		1	3	1	1		1		12		
Ocean-Swimming	M			2	1						3	3	
	F												
Boat Fatality	M						1	3			4	4	
	F												
Slipped from rocks-Ocean	M			1	1		1				3	3	
	F												
River	M	1	3	5	4		1				14	17	
	F				2	1					3		
Reservoir	M		1		1						2	3	
	F				1						1		
Lake/Pond	M		2	2	2	4		2			12	13	
	F		1								1		
Fell from dock-Ocean shore	M							1			1	1	
	F												
Scuba	M			1	3	2					6	6	
	F												
Vehicle into water	M				1	1		1			3	3	
	F												
Found floating in ocean	M				3	1					4	7	
	F			1			1	1			3		
Water pail, Wash basin	M	1									1	2	
	F	1									1		
Fell into bait tank on fishing boat	M								1		1	1	
	F												
Flash flood in street	M						1				1	1	
	F												
Creek	M			1			1				2	3	
	F		1								1		
Sub Total	M	33	11	19	31	13	12	14	6	3	142	197	
	F	15	6	4	8	7	4	2	1	8	55		
Total		48	17	23	39	20	16	16	7	11	197		

ACCIDENTAL  
DRUG DEATHS  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Drugs	Sex	Age Groups									Sub Total	Total
		0 < 9	10 < 19	20 < 29	30 < 39	40 < 49	50 < 59	60 < 69	70 < 79	80 < 89		
Barbiturates	M		4	19	9	7	1	1	3		44	116
	F		4	26	20	8	9	2	2	1	72	
Narcotics	M		2	37	27	12	1				79	117
	F	1	3	20	10	3	1				38	
Combined Barbiturate and Narcotic	M			5	4	3					12	22
	F		1	5	1	3					10	
Analgesics	M	1	1	3	6	1	2	1		1	16	36
	F	1	2	5	7	3	2				20	
Anesthetics	M		1	3	2						6	10
	F		1	2			1				4	
Hypnotics, Sedatives, and Tranquilizers	M			6	3	1	2				12	23
	F			3	2	3	3				11	
Stimulants and Anti- depressants	M	1	2	3	4	1					11	15
	F	1		1	1		1				4	
Multiple Drugs	M			15	8		1				24	43
	F		1	2	7	1	6	2			19	
Other Drugs	M				2				1	1	4	11
	F			4	1			1	1		7	
Unknown Drugs	M											
	F											
Ethanol Only	M		5	5	4	2	2				18	24
	F			1	3	1	1				6	
Poisons	M	1	2	2		1		1			7	8
	F			1							1	
Sub Total	M	3	17	98	69	28	9	3	4	2	233	425
	F	3	12	70	52	22	24	5	3	1	192	
Total		6	29	168	121	50	33	8	7	3	425	

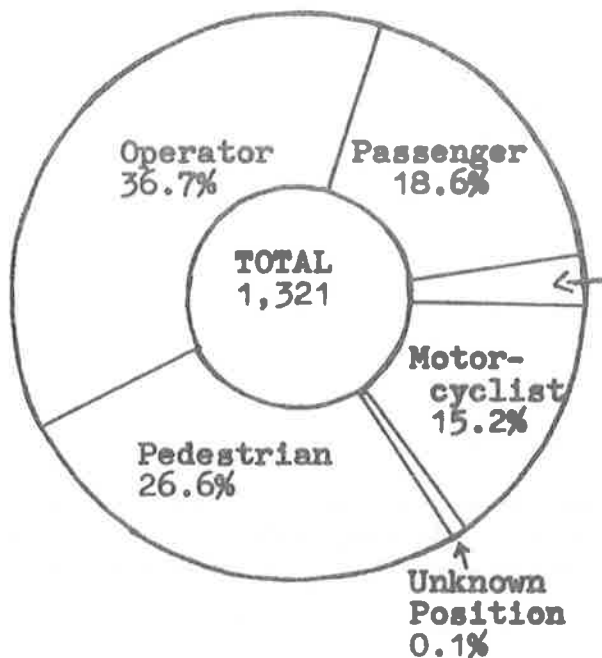
ACCIDENTAL  
DRUG DEATHS

(Ethnic Group, Sex, and Type)  
July 1, 1977 - June 30, 1978

Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish	Black	Japanese	Chinese	Other		
Barbiturates	M	27	4	13				44	116
	F	31	3	36	1		1	72	
Narcotics	M	53	10	16				79	117
	F	16	5	17				38	
Combined Barbiturate and Narcotic	M	5	1	6				12	22
	F	3		7				10	
Analgesics	M	10	2	4				16	36
	F	12	3	5				20	
Anesthetics	M	2		3	1			6	10
	F	2		2				4	
Hypnotics, Sedatives, and Tranquilizers	M	8	3	1				12	23
	F	8		3				11	
Stimulants and Anti- depressants	M	6	3	2				11	15
	F	1	2	1				4	
Multiple Drugs	M	18	2	3			1	24	43
	F	14	1	4				19	
Other Drugs	M	4						4	11
	F	6		1				7	
Unknown Drugs	M								
	F								
Ethanol Only	M	6	6	5			1	18	24
	F	5		1				6	
Poisons	M	4	2	1				7	8
	F			1				1	
Sub Total	M	143	33	54	1		2	233	425
	F	98	14	78	1		1	192	
Total		241	47	132	2		3	425	

# VEHICULAR ACCIDENTS

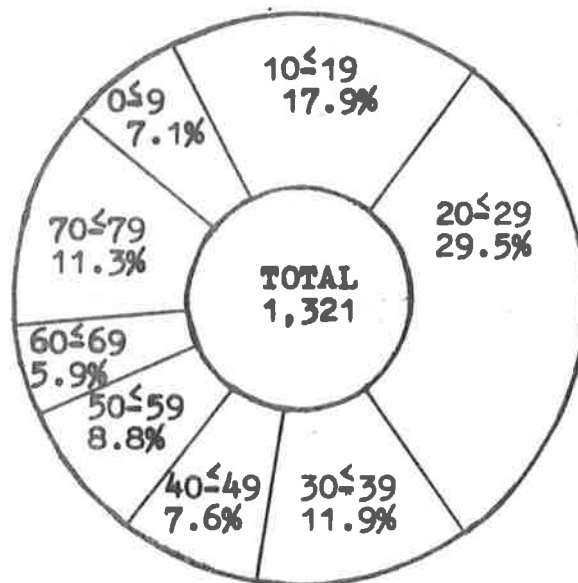
July 1, 1977 - June 30, 1978



## CLASSIFICATION OF VICTIMS

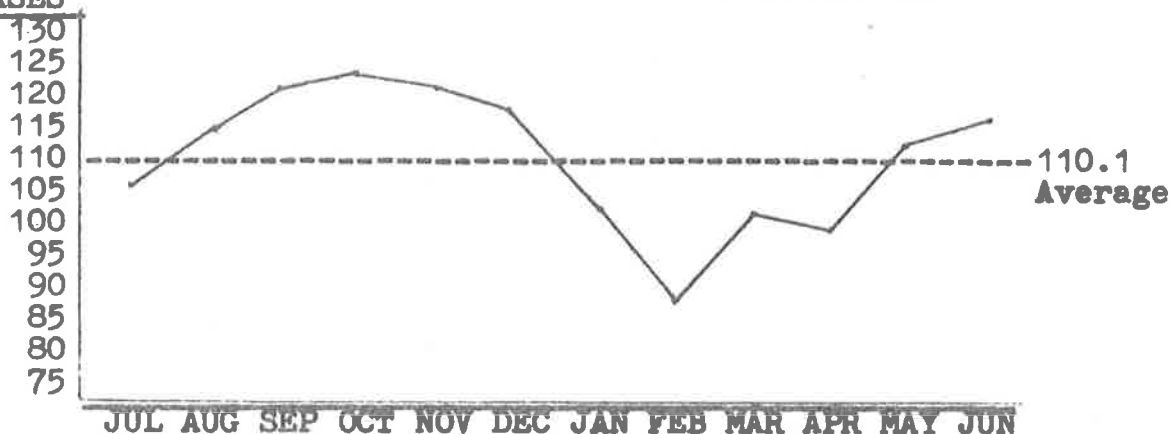
Pedestrian	352
Operator	485
Passenger	246
Motorcyclist	200
Operator	(179)
Passenger	(21)
Bicyclist	36
Unknown Position	2
<b>TOTAL</b>	<b>1,321</b>

AGE GROUPS		
0 ≤	9	94
10 ≤	19	236
20 ≤	29	390
30 ≤	39	157
40 ≤	49	101
50 ≤	59	116
60 ≤	69	78
70 ≤		149
<b>TOTAL</b>		<b>1,321</b>



NO. OF  
CASES

## VEHICULAR ACCIDENTS BY MONTH





**VEHICULAR ACCIDENTS**  
**(Type, Age, and Sex)**  
 July 1, 1977 - June 30, 1978

Type of Accident	Sex	Age Groups								Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤		
Auto vs. Auto	M	12	32	61	20	18	23	6	20	192	331
	F	4	23	36	19	13	20	11	13	139	
Auto vs. Bus, Truck	M	1	4	15	6	4	3		6	39	63
	F	1	2	9	5	1	1	1	4	24	
Auto vs. Train	M		1	1	1	2	1	1		7	12
	F	1		2	1	1				5	
Auto vs. Motorcycle	M		39	49	15	4	1			108	112
	F	1		3						4	
Auto Out of Control	M	4	54	88	35	17	11	13	8	230	292
	F	3	13	19	11	3	5	4	4	62	
Truck vs. Truck	M			1	3	1	1	2		8	8
	F										
Truck vs. Motorcycle	M		7	3	2	2	1			15	16
	F				1					1	
Truck Out of Control	M			8	2	2	3	4		19	21
	F			1		1				2	
Bicycle vs. Auto	M	4	6	3	1	1	3		4	22	29
	F	2	3	2						7	
Bicycle vs. Truck, Bus	M	1	2							3	3
	F										
Bicycle Out of Control	M		1							1	4
	F	1		1	1					3	
Pedestrian vs. Auto	M	32	15	29	14	19	28	19	46	202	309
	F	22	6	15	5	4	11	11	33	107	
Pedestrian vs. Bus	M			1		1		2	2	6	8
	F					1			1	2	
Pedestrian vs. Truck	M		2	1	2	2	2	1	2	12	17
	F		1	1				1	2	5	
Pedestrian vs. Motorcycle	M										
	F										
Pedestrian vs. Train	M	1		1	1	1	2	1		7	13
	F	2	1	1					2	6	
Motorcycle Out of Control	M		19	35	9	2		1	1	67	72
	F		4		1					5	
Other Combinations	M	1		1	2	1				5	11
	F	1	1	3					1	6	
Sub Total	M	56	182	297	113	77	79	50	89	943	1,321
	F	38	54	93	44	24	37	28	60	378	
Total		94	236	390	157	101	116	78	149	1,321	



**VEHICULAR ACCIDENTS**  
**(Position in Vehicle, Age, and Sex)**  
**July 1, 1977 - June 30, 1978**

Age	Sex	Operator		Passenger	Pedes- trian	Motor- cycle Operator	Un- known Position	Sub Total	Total
		Bike	Others						
0 ≤ 9	M	5	1	17	33			56	94
	F	3	1	11	23			38	
10 ≤ 19	M	9	47	54	17	55		182	236
	F	3	14	25	10	2		54	
20 ≤ 29	M	3	139	39	30	84	2	297	390
	F	3	39	30	20	1		93	
30 ≤ 39	M	1	59	13	15	25		113	157
	F	1	18	18	6	1		44	
40 ≤ 49	M	1	41	5	23	7		77	101
	F		11	8	5			24	
50 ≤ 59	M	3	38	4	32	2		79	116
	F		18	6	13			37	
60 ≤ 69	M		25	1	23	1		50	78
	F		6	10	12			28	
70 ≤	M	4	22	11	51	1		89	149
	F		6	15	39			60	
Sub Total	M	26	372	144	224	175	2	943	1,321
	F	10	113	123	128	4		378	
TOTAL		36	485	267	352	179	2	1,321	

BLOOD ALCOHOL LEVEL IN VEHICULAR ACCIDENTS AS TO AGES  
July 1, 1977 - June 30, 1978

Blood Alcohol Level	AGE OF VICTIM								Totals
	0 < 9	10 < 19	20 < 29	30 < 39	40 < 49	50 < 59	60 < 69	70 < —	
Not Tested	88	47	52	27	13	18	26	55	326
Negative	6	118	160	62	51	62	31	86	576
Positive		71	178	68	37	36	21	8	419
0.01%≤0.04%		8	19	4	2	5	2	2	42
0.05%≤0.09%		13	34	11	8	4	6	3	79
0.10%≤0.14%		23	35	12	5	7	2	2	86
0.15%≤0.19%		15	40	21	9	6	3		94
0.20%≤0.24%		8	39	12	5	8	6		78
0.25%≤0.29%		2	6	3	3	3	2	1	20
0.30%≤0.34%		1	4	4	2	2			13
0.35%≤		1	1	1	3	1			7
TOTAL TESTS	6	189	338	130	88	98	52	94	995
TOTAL CASES	94	236	390	157	101	116	78	149	1,321

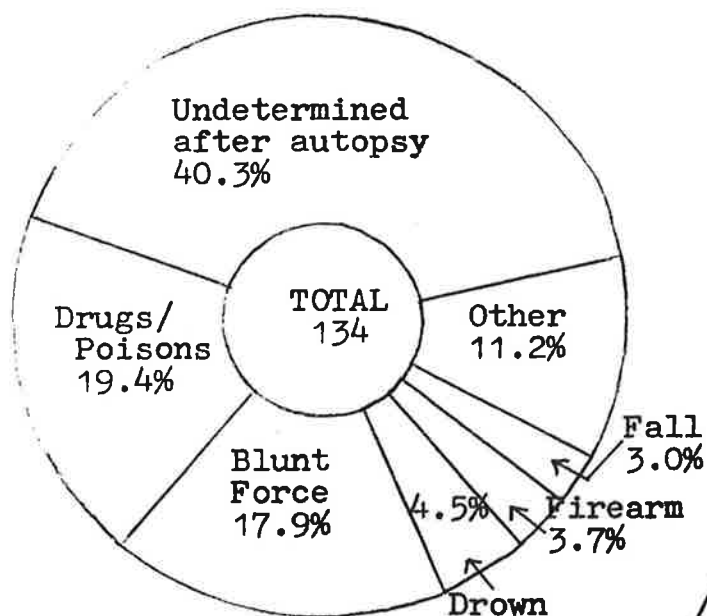
# BLOOD ALCOHOL LEVELS IN VEHICULAR ACCIDENTS

July 1, 1977 - June 30, 1978

Blood Alcohol Level	Operator		Passenger	Pedestrian	Motor-cycle Operator	Unknown Position	Total
	Bike	Others					
Not Tested	18	60	80	132	35	1	326
Negative	15	226	104	142	89		576
Positive	3	199	83	78	55	1	419
0.01%≤0.04%	2	17	9	8	6		42
0.05%≤0.09%		35	19	12	13		79
0.10%≤0.14%	1	37	20	15	12	1	86
0.15%≤0.19%		39	18	21	16		94
0.20%≤0.24%		49	13	10	6		78
0.25%≤0.29%		12	2	6			20
0.30%≤0.34%		7	1	3	2		13
0.35%≤		3	1	3			7
TOTAL TESTS	18	425	187	220	144	1	995
TOTAL CASES	36	485	267	352	179	2	1,321

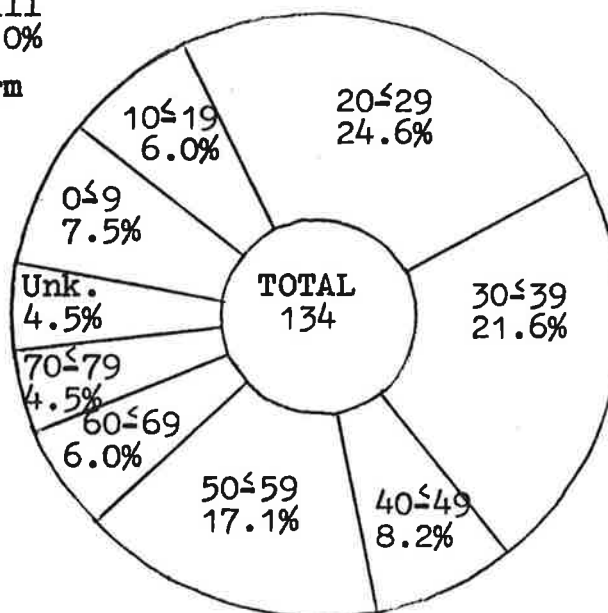
# UNDETERMINED DEATHS July 1, 1977 - June 30, 1978

## CAUSE OF DEATH



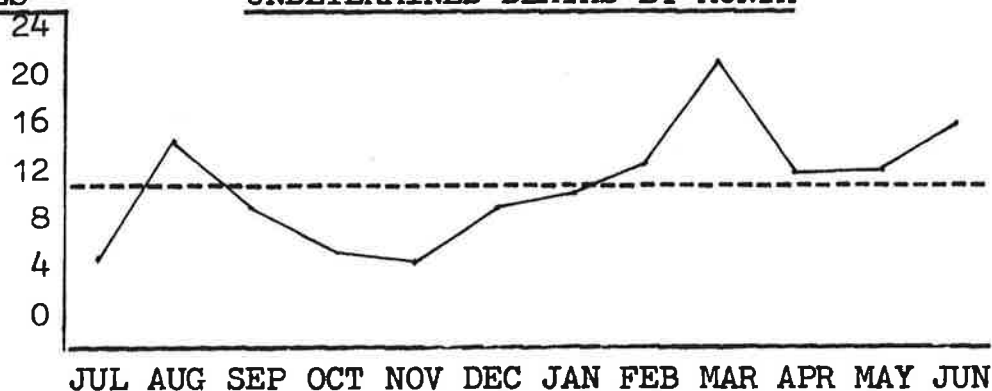
Undetermined after autopsy	54
Drugs/Poisons	26
Blunt Force	24
Drown	6
Firearms	5
Falls	4
Others	15
<b>TOTAL</b>	<b>134</b>

<u>AGE GROUPS</u>		
0 ≤ 9	10	
10 ≤ 19	8	
20 ≤ 29	33	
30 ≤ 39	29	
40 ≤ 49	11	
50 ≤ 59	23	
60 ≤ 69	8	
70 ≤	6	
Unknown	6	
<b>TOTAL</b>	<b>134</b>	



NO. OF  
CASES

## UNDETERMINED DEATHS BY MONTH



11.17  
Average

UNDETERMINED MODE DEATHS  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Cause of Death	Sex	Age Groups									Sub Total	Total
		0 <u>9</u>	10 <u>19</u>	20 <u>29</u>	30 <u>39</u>	40 <u>49</u>	50 <u>59</u>	60 <u>69</u>	70 <u>79</u>	Unk.		
Drugs	M			3	5	1	1		1		11	25
	F		1	2	3	1	7				14	
Blunt Force	M		1		6	2	4	1	2		16	24
	F	2	1	1			2	2			8	
Firearms	M		1	1	1	1					4	5
	F			1							1	
Carbon Monoxide	M	1			1						2	2
	F											
Aspiration	M											1
	F							1			1	
Fall	M			1	1		1				3	4
	F			1							1	
Poison	M						1				1	1
	F											
Seizure Disorder	M			1		1	1				3	3
	F											
Drown	M			1	1		2			1	5	6
	F					1					1	
Auto vs. Pedestrian	M			1							1	1
	F											
Other	M	3	1	1			1	1			7	8
	F								1		1	
Undetermined After Autopsy	M	1	3	11	6	2	2	3	2	1	31	54
	F	3		7	5	2	1			1	19	
	U			1						3	4	
Sub Total	M	5	6	20	21	7	13	5	5	2	84	134
	F	5	2	12	8	4	10	3	1	1	46	
	U			1						3	4	
TOTAL		10	8	33	29	11	23	8	6	6	134	

UNDETERMINED  
DRUG DEATHS  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Drugs	Sex	Age Groups									Sub Total	Total
		0 9	10 19	20 29	30 39	40 49	50 59	60 69	70 79	80 89		
Barbiturates	M				1	1	1				3	7
	F		1	2	1						4	
Narcotics	M											
	F											
Combined Barbiturate and Narcotic	M											
	F											
Analgesics	M											2
	F						2				2	
Anesthetics	M				1						1	2
	F						1				1	
Hypnotics Sedatives, and Tranquilizers	M											2
	F				1		1				2	
Stimulants and Anti- depressants	M				2						2	3
	F						1				1	
Multiple Drugs	M			3	1					1	5	8
	F					1	2				3	
Other Drugs	M											1
	F				1						1	
Unknown Drugs	M											
	F											
Ethanol Only	M											
	F											
Poisons	M						1				1	1
	F											
Sub Total	M			3	5	1	2			1	12	26
	F		1	2	3	1	7				14	
Total			1	5	8	2	9			1	26	

**UNDETERMINED  
DRUG DEATHS**  
(Ethnic Group, Sex, and Type)  
July 1, 1977 - June 30, 1978

Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M	1		2				3	7
	F	3		1				4	
Narcotics	M								
	F								
Combined Barbiturate and Narcotic	M								
	F								
Analgesics	M								2
	F	1		1				2	
Anesthetics	M	1						1	2
	F			1				1	
Hypnotics, Sedatives, and Tranquilizers	M								2
	F	1		1				2	
Stimulants and Anti- depressants	M	1		1				2	3
	F	1						1	
Multiple Drugs	M	5						5	8
	F	3						3	
Other Drugs	M								1
	F	1						1	
Unknown Drugs	M								
	F								
Ethanol Only	M								
	F								
Poisons	M			1				1	1
	F								
Sub Total	M	8		4				12	26
	F	10		4				14	
Total		18		8				26	

TOTAL  
DRUG DEATHS  
(Type, Age, and Sex)  
July 1, 1977 - June 30, 1978

Drugs	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Barbiturates	M		6	31	24	14	12	8	8	1	104	288
	F		11	50	36	20	34	13	13	7	184	
Narcotics	M		2	37	27	12	2				80	119
	F	1	3	21	10	3	1				39	
Combined Barbiturate and Narcotic	M			5	4	3					12	24
	F		1	6	1	3		1			12	
Analgesics	M	1	2	5	8	7	4	1		3	31	83
	F	1	6	15	14	5	6	2	2	1	52	
Anesthetics	M		1	4	3	1	1				10	22
	F		1	3	3	1	3		1		12	
Hypnotics, Sedatives, and Tranquilizers	M		1	13	7	7	4	3	1		36	75
	F		1	7	8	10	8	3	1	1	39	
Stimulants and Anti- depressants	M	1	2	9	11	3	2	1			29	57
	F	1	1	7	6	4	7		1	1	28	
Multiple Drugs	M			24	14	3	1			1	43	115
	F		4	14	20	12	15	7			72	
Other Drugs	M				3			1	1	1	6	17
	F			4	3	1		1	1	1	11	
Unknown Drugs	M			1							1	5
	F			3			1				4	
Ethanol Only	M		5	5	4	2	2				18	24
	F			1	3	1	1				6	
Poisons	M	1	2	4	1	2	1	2		1	14	17
	F			2		1					3	
Sub Total	M	3	21	138	106	54	29	16	10	7	384	846
	F	3	28	133	104	61	76	27	19	11	462	
Total		6	49	271	210	115	105	43	29	18	846	



TOTAL  
DRUG DEATHS  
(Ethnic Group, Sex, and Type)  
July 1, 1977 - June 30, 1978

Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M	79	5	19	1			104	288
	F	118	8	56	1		1	184	
Narcotics	M	54	10	16				80	119
	F	17	5	17				39	
Combined Barbiturate and Narcotic	M	5	1	6				12	24
	F	4		8				12	
Analgesics	M	21	2	7			1	31	83
	F	41	3	7			1	52	
Anesthetics	M	6		3	1			10	22
	F	8		4				12	
Hypnotics, Sedatives, and Tranquilizers	M	30	4	2				36	75
	F	30	2	6	1			39	
Stimulants and Anti- depressants	M	19	5	5				29	57
	F	20	5	3				28	
Multiple Drugs	M	35	2	5			1	43	115
	F	59	4	9				72	
Other Drugs	M	6						6	17
	F	10		1				11	
Unknown Drugs	M	1						1	5
	F	3	1					4	
Ethanol Only	M	6	6	5			1	18	24
	F	5		1				6	
Poisons	M	9	2	3				14	17
	F	2		1				3	
Sub Total	M	271	37	71	2		3	384	846
	F	317	28	113	2		2	462	
Total		588	65	184	4		5	846	

F I S C A L   Y E A R

1978 - 1979

INVESTIGATED DEATHS BY MONTH  
July 1, 1978 - June 30, 1979

Month	Natural	Suicide	Homicide	Accidents Excluding Vehicular*	Vehicular Accidents	Unde- ter- mined	Inquiry	Non- Coroner	Total
July	633	102	111	144	134	6	109	72	1,311
August	584	104	140	145	141	15	92	94	1,315
September	638	95	117	137	140	17	108	92	1,344
October	709	113	108	148	107	19	89	99	1,392
November	685	96	122	160	128	12	117	108	1,428
December	840	75	132	200	133	13	112	94	1,599
January	683	106	121	161	110	15	143	92	1,431
February	611	73	104	142	105	17	183	95	1,330
March	590	104	115	156	132	16	157	99	1,369
April	591	88	132	133	115	14	164	88	1,325
May	614	99	124	181	108	20	161	110	1,417
June	585	110	129	159	119	23	201	75	1,401
TOTALS	7,763	1,165	1,455	1,866	1,472	187	1,636	1,118	16,662

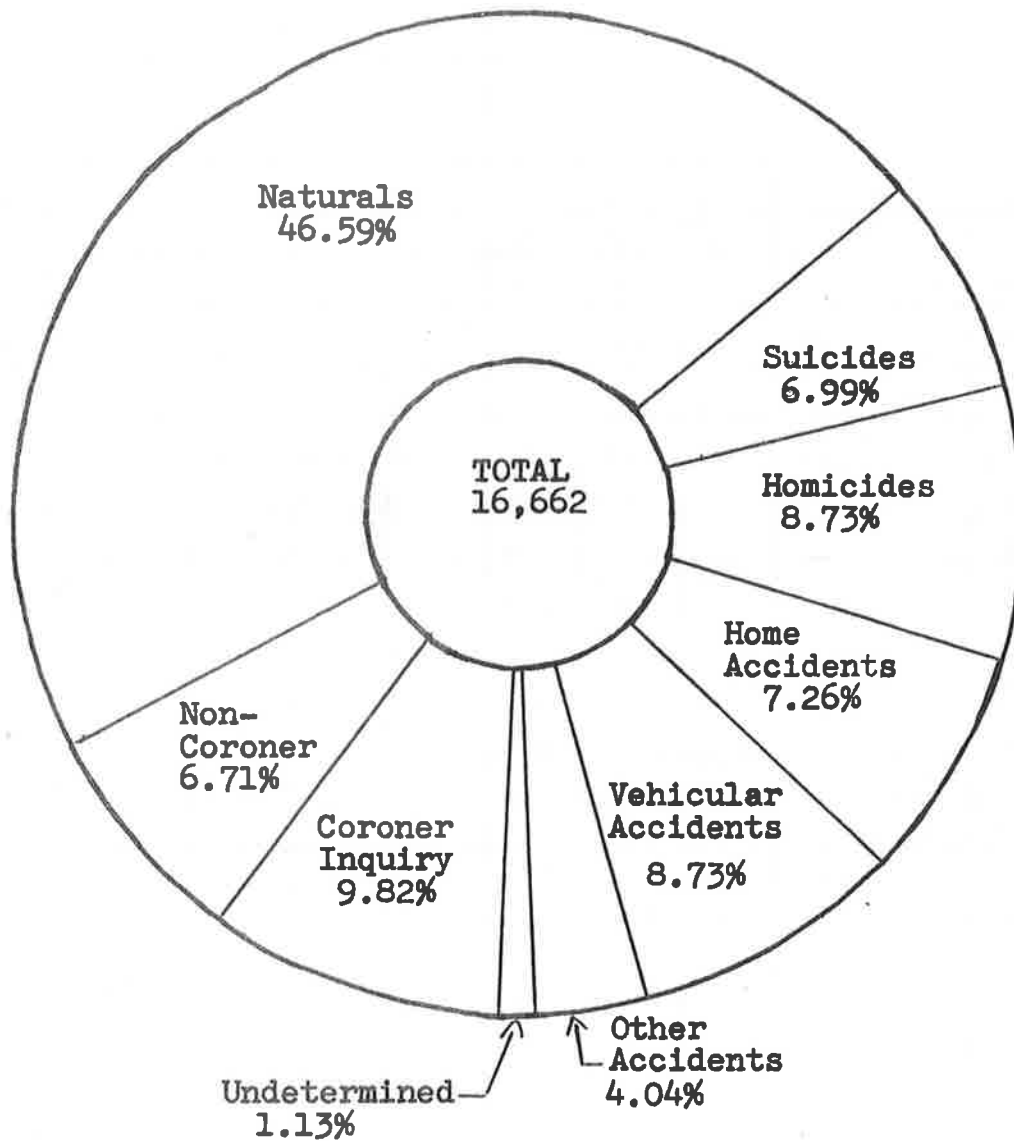
\*Includes the 36 aircraft accidents

CASELOAD AND POPULATION RATES  
July 1, 1978 - June 30, 1979

<u>Mode of Death</u>	<u>Total Cases Reported/In- vestigated</u>	<u>Percent of Total</u>	<u>Rate per 100,000 *Population</u>
Naturals	7,763	46.59	108.6
Suicides	1,165	6.99	16.3
Homicides	1,455	8.73	20.4
Accidents	3,338	20.03	46.7
Home	( 1,209)	( 7.26)	( 16.9)
Vehicular	( 1,454)	( 8.73)	( 20.3)
Occupational	( 82)	( 0.49)	( 1.1)
Therapeutic	( 16)	( 0.09)	( 0.2)
Railway	( 18)	( 0.11)	( 0.2)
Aircraft	( 36)	( 0.21)	( 0.5)
Other	( 523)	( 3.14)	( 7.3)
Undetermined	187	1.13	2.6
Coroner Inquiry	1,636	9.82	22.9
Non-Coroner	1,118	6.71	15.6
TOTAL	16,662	100.00%	233.1

\*Based on the Los Angeles County population of 7,146,500 residents (January 1, 1979, population estimate Los Angeles County Regional Planning Department/Population and Human Resources).

**MEDICAL EXAMINER-CORONER CASELOAD**  
**July 1, 1978 - June 30, 1979**



TOTAL CASES BY MODE OF DEATH, SEX, AND AGE GROUP  
July 1, 1978 - June 30, 1979

Mode of Death		Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤	Un- Known Age		
Naturals	M	207	25	102	233	449	1,026	1,172	1,532		4,746	7,763
	F	158	18	63	84	181	350	500	1,663		3,017	
Suicides	M		52	226	147	94	87	94	96		796	1,165
	F		21	76	57	59	70	43	43		369	
Homicides	M	17	197	441	251	142	77	50	27	1	1,203	1,455
	F	15	28	90	42	20	22	18	17		252	
Accidental Deaths	Accident Total	M	139	256	529	289	197	191	159	327	2,087	3,338
		F	99	88	173	118	82	102	98	491	1,251	
	Vehic- ular	M	72	201	324	150	77	77	67	70	1,038	1,472
		F	46	70	83	52	36	48	41	58	434	
	Aircraft	M		3	7	10	4	4	2		30	36
		F		1		3	1			1	6	
	Occupational	M		4	13	17	9	14	19	6	82	82
		F										
	Home and Other	M	67	48	185	112	107	96	71	251	937	1,748
		F	53	17	90	63	45	54	57	432	811	
Undetermined	M	10	8	34	24	16	10	9	14	1	126	187
	F	10	4	8	13	8	6	4	5	1	59	
	U									2	2	
Sub Total	M	373	538	1,332	944	898	1,391	1,484	1,996	2	8,958	13,908
	F	282	159	410	314	350	550	663	2,219	1	4,948	
	U									2	2	
Total		655	697	1,742	1,258	1,248	1,941	2,147	4,215	5	13,908	

AUTOPSIED CASES BY MODE OF DEATH  
July 1, 1978 - June 30, 1979

<u>Mode of Death</u>	<u>Total Cases as Certified</u>	<u>Number Autopsied</u>	<u>Percent Autopsied of Specific Mode</u>	<u>Percent of Total Autopsied</u>
Naturals	7,763	1,826	23.5	32.5
Suicides	1,165	332	28.5	5.9
Homicides	1,455	1,455	100.0	25.9
Accidents	3,338	1,820	54.5	32.4
Home	( 1,209)	( 540)	( 44.7)	( 9.6)
Vehicular	( 1,472)	( 814)	( 55.3)	( 14.5)
Occupational	( 82)	( 54)	( 65.9)	( 1.0)
Aircraft	( 36)	( 20)	( 55.6)	( 0.3)
Other	( 539)	( 392)	( 72.7)	( 7.0)
Undetermined	<u>187</u>	<u>174</u>	<u>93.0</u>	<u>3.1</u>
TOTAL	13,908	5,607	40.3%	99.8

Total private autopsied handled  
in addition to regular caseload

13

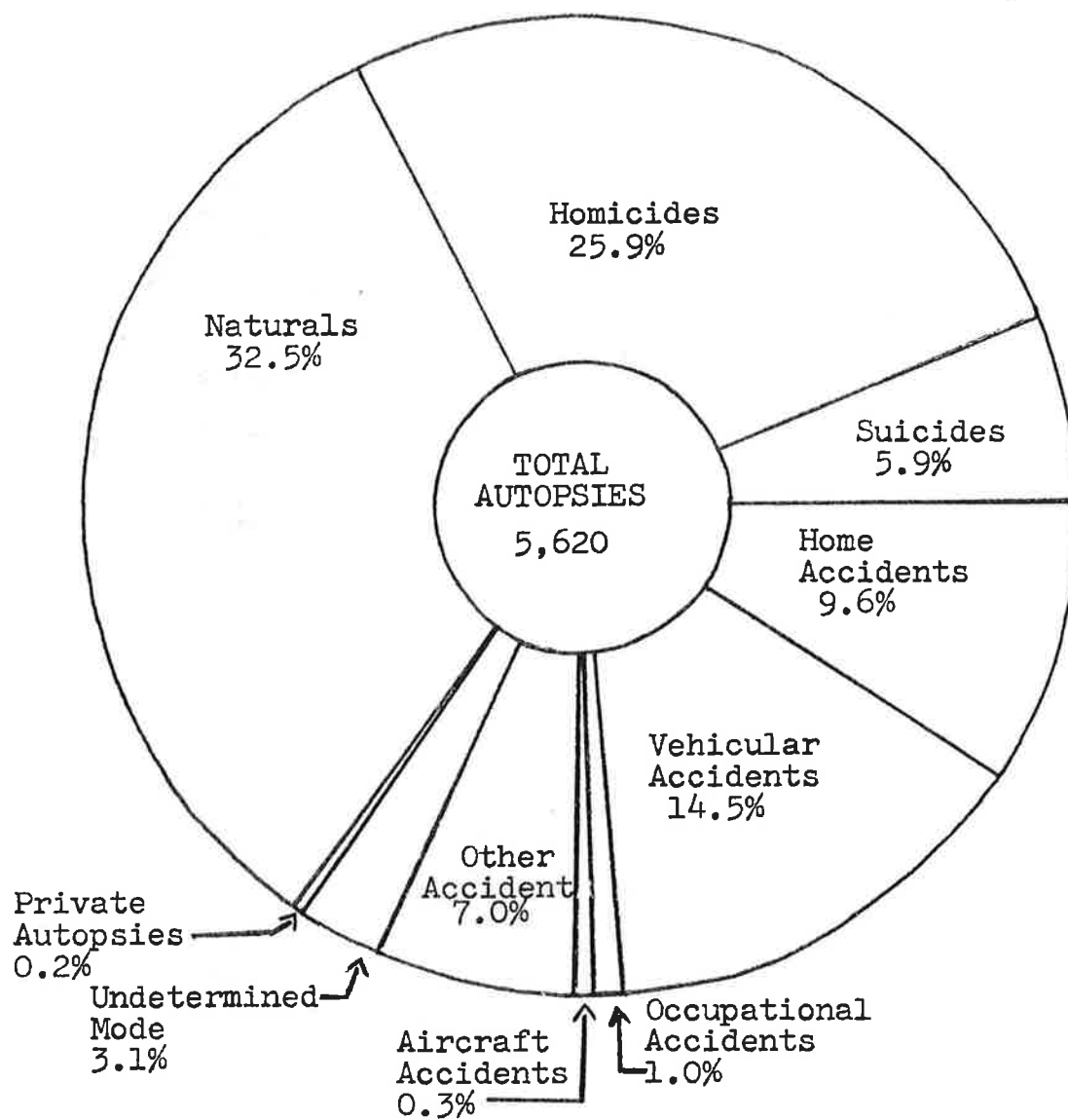
0.2

TOTAL autopsies for year

5,620

100.0%

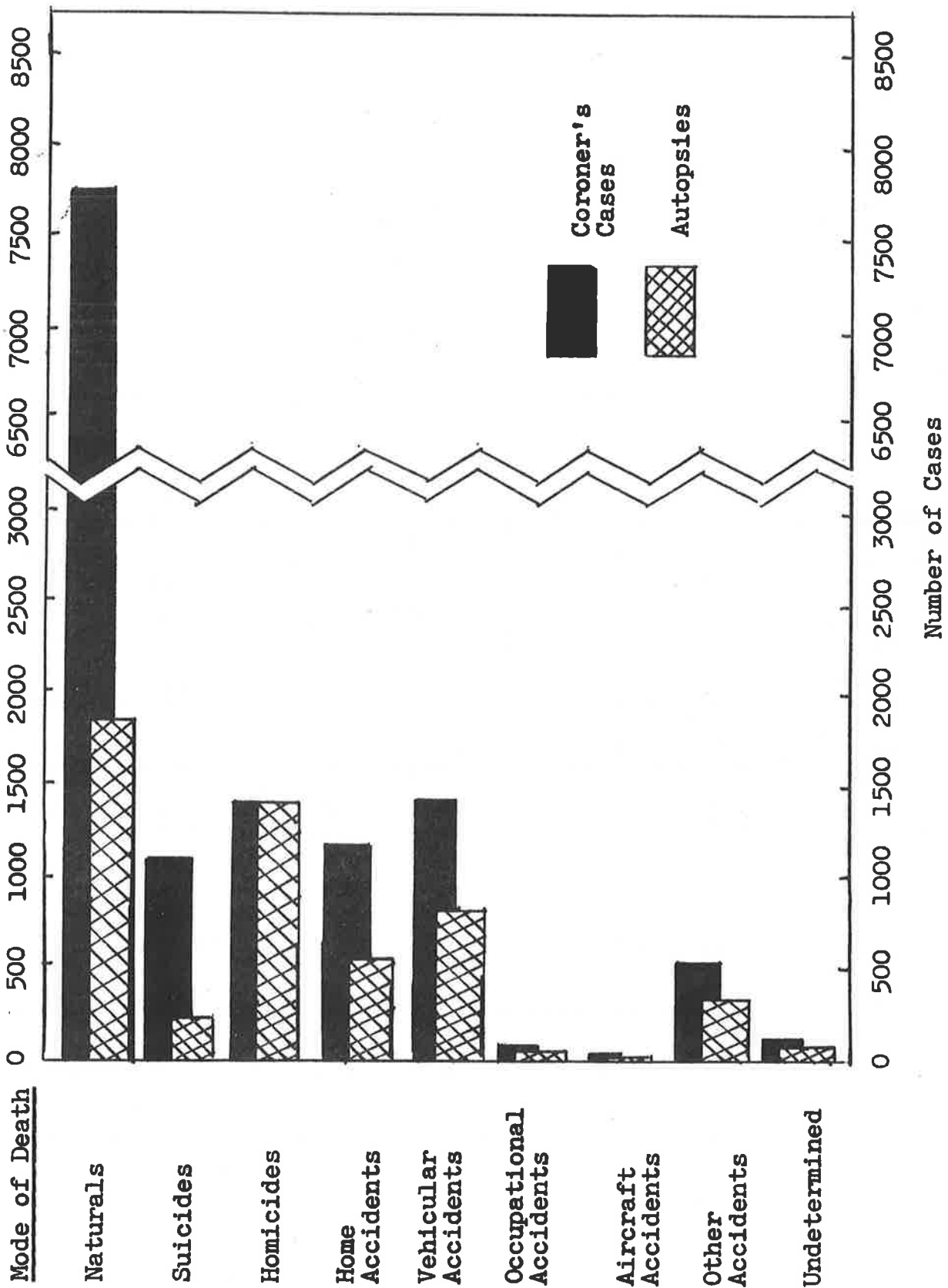
AUTOPSIED CASES BY MODE OF DEATH  
July 1, 1978 - June 30, 1979





# AUTOPSIES AND CORONER'S CASES BY MODE OF DEATH

July 1, 1978 - June 30, 1979



DEATHS FROM NATURAL CAUSES - IN MAJOR GROUPS  
International Classification of Diseases, Adapted (ICDA)  
(Disease, Sex, and Autopsies)  
July 1, 1978 - June 30, 1979

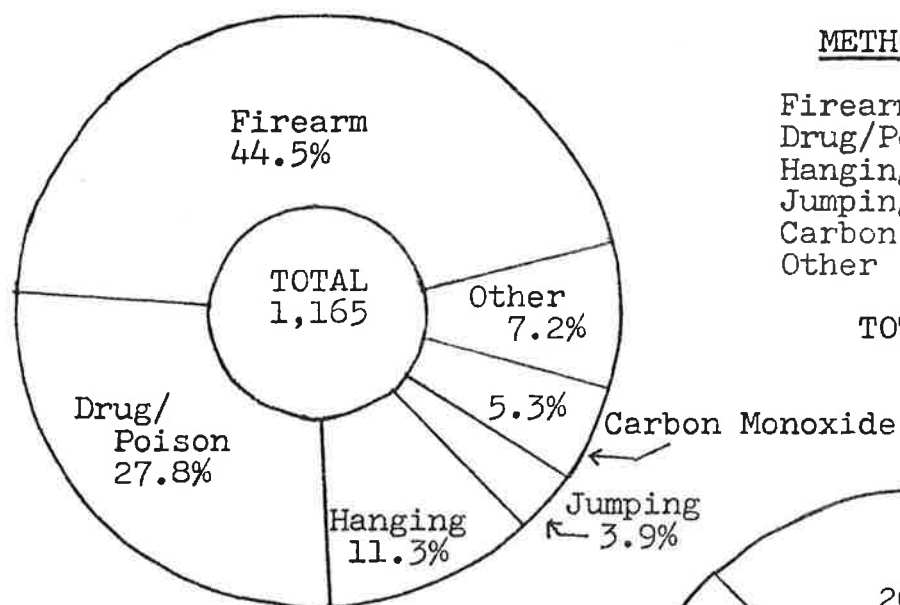
Disease	Number of Cases			Cases Autopsied	% of Disease Autopsied	% of Grand Total
	Male	Female	Total			
Infective and Parasitic	21	15	36	28	77.78	0.46
Neoplasm, cancer and tumors	95	103	198	52	26.26	2.55
Endocrine Nutritional, and Metabolic	25	20	45	17	37.78	0.58
Blood and Blood Forming Organs	4	2	6	6	100.00	0.08
Mental and Psychoneurotic	16	6	22	7	31.82	0.28
Nervous System and Sense Organ	31	23	54	43	79.63	0.70
Circulatory System	3,951	2,478	6,429	964	14.99	82.82
Respiratory System	143	78	221	165	74.66	2.85
Digestive System	251	122	373	185	49.60	4.80
Genitourinary System		6	6	4	66.67	0.08
Complications of Pregnancy		2	2	1	50.00	0.03
Subcutaneous Tissue & Skin			0	0	0.00	0.00
Musculoskeletal System		1	1	1	100.00	0.01
Congenital Anomalies	10	11	21	18	85.71	0.27
Early Infancy Mortality	18	17	35	32	91.43	0.45
Ill-defined Conditions	53	39	92	81	88.04	1.18
Sudden Infant Death (SID)	128	94	222	222	100.00	2.86
Total	4,746	3,017	7,763	1,826	23.52	100.00

DEATHS FROM NATURAL CAUSES - IN MAJOR GROUPS  
International Classification of Diseases, Adapted (ICDA)  
(Disease, Age, and Sex)  
July 1, 1978 - June 30, 1979

Disease	Sex	0 min.	1 min. $\leq$ 11 mo.	1 yr $\leq$ 9	10 $\leq$ 19	20 $\leq$ 29	30 $\leq$ 39	40 $\leq$ 49	50 $\leq$ 59	60 $\leq$ 69	70 $\leq$ 79	Sub Total	Total
Infective & Parasitic	M		4	3	1	1	2	4	1	1	4	21	36
	F		2		1	2	1	1	1	2	5	15	
Neoplasms	M		1			4	3	5	12	24	46	95	198
	F		1			1	3	12	12	31	43	103	
Endocrine, Nutritional, Metabolic	M		1	2	1	4	8	3		5	1	25	45
	F					5	5	5	2	1	2	20	
Blood & Blood Forming Organs	M			1		1			1		1	4	6
	F					1			1			2	
Mental Disorders	M					2	3	4	3	3	1	16	22
	F							1	3		2	6	
Nervous System Sense Organs	M		2	6	3	5	3	3	2	5	2	31	54
	F		4	2	4	2	2	1	6	1	1	23	
Circulatory System	M		2	6	10	45	124	354	906	1,074	1,430	3,951	6,429
	F		4	6	4	28	42	124	269	427	574	2,478	
Respiratory System	M		12	3	5	11	20	18	20	25	29	143	221
	F		7	4	3	7	4	6	13	13	21	78	
Digestive System	M		1	1	1	10	57	53	78	34	16	251	373
	F		1		1	9	17	26	39	20	9	122	
Genitourinary System	M												6
	F			1			2				3	6	
Complications of Pregnancy	M												2
	F					1	1					2	
Subcutaneous Tissue & Skin	M												0
	F												
Musculoskeletal System	M												1
	F						1					1	
Congenital Anomalies	M		3	3	1	1	1	1				10	21
	F		5	3			2	1				11	
Early Infancy Mortality	M	14	4									18	35
	F	12	4	1								17	
Ill Defined Conditions	M	1	7	2	3	18	12	4	3	1	2	53	92
	F		4	3	5	7	4	4	4	5	3	39	
Sudden Infant Death (SID)	M		125	3								128	222
	F		92	2								94	
Sub Total	M	15	162	30	25	102	233	449	1,026	1,172	1,532	4,746	7,763
	F	12	124	22	18	63	84	181	350	500	1,663	3,017	
Total		27	286	52	43	165	317	630	1,376	1,672	3,195	7,763	

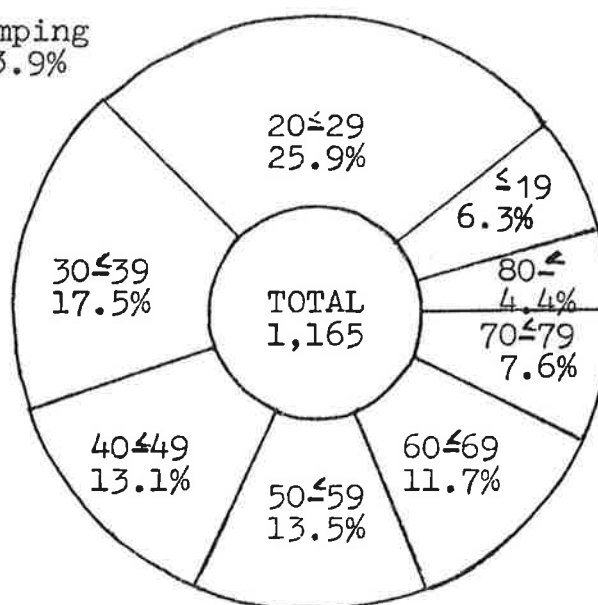
# SUICIDES

July 1, 1978 - June 30, 1979



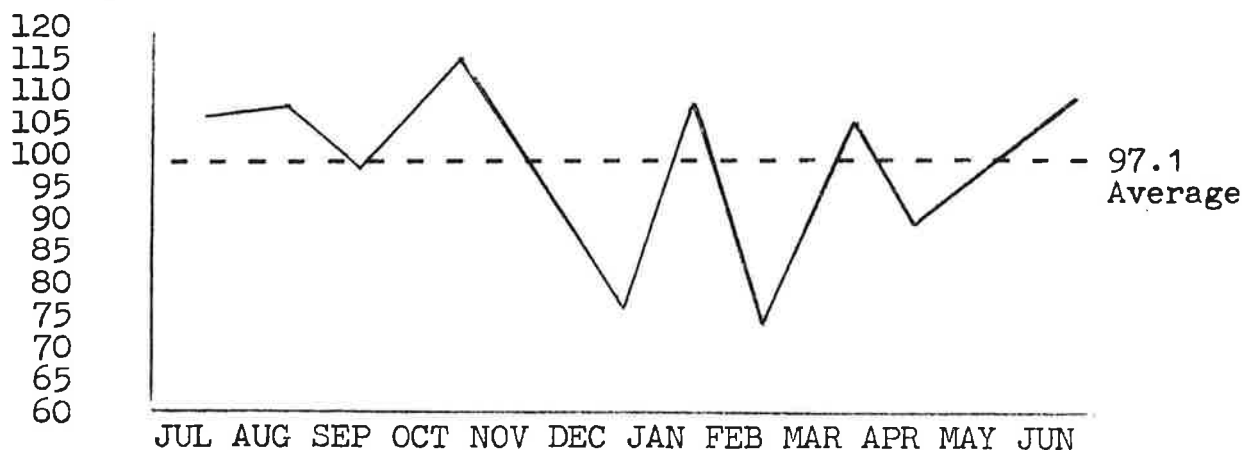
**AGE GROUPS**

≤ 19	73
20 ≤ 29	302
30 ≤ 39	204
40 ≤ 49	153
50 ≤ 59	157
60 ≤ 69	137
70 ≤ 79	88
80 ≤	51
<b>TOTAL</b>	<b>1,165</b>



**NO. OF CASES**

## SUICIDES BY MONTH



SUICIDES  
(Type, Age, and Sex)  
July 1, 1978 - June 30, 1979

Type of Suicide	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Firearms	M		28	120	79	51	51	52	30	19	430	518
	F		5	27	13	13	19	7	4		88	
Drugs	M		6	35	19	22	12	17	12	3	126	313
	F		6	35	28	38	32	21	17	10	187	
Poisons	M			3		1	1	1		1	7	11
	F		1			1	1			1	4	
Hanging	M		13	34	18	8	9	10	5	4	101	132
	F		5	4	7	2	8	4	1		31	
Jumping	M		2	5	9	2	1		4	3	26	45
	F		3	5	3	1	1	2	3	1	19	
Carbon Monoxide Auto	M			5	9	7	8	5	2	2	38	55
	F		1	2	3		5	4		2	17	
Carbon Monoxide Other	M		1	5	1						7	7
	F											
Drowning	M			1		1		2	2	1	7	14
	F					2	1	2		2	7	
Suffocation	M			2	1	1		1	2	1	8	13
	F			1			1	1	1	1	5	
Sharp Instruments	M		1	8	6	1	4	4	4		28	33
	F				2		2	1			5	
Burns	M			4					1		5	8
	F			2		1					3	
Vehicle	M		1	4	4		1	2			12	13
	F				1						1	
Other	M				1						1	3
	F					1		1			2	
Sub Total	M		52	226	147	94	87	94	62	34	796	1,165
	F		21	76	57	59	70	43	26	17	369	
Total			73	302	204	153	157	137	88	51	1,165	

# SUICIDES

(Ethnic Group, Sex, and Type)  
July 1, 1978 - June 30, 1979

Method of Suicide	White		Spanish Surname		Black		Japanese		Chinese		Other		Sub Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Firearms	355	78	16	2	51	6	1	1	2	1	5		430	88	518
Drugs	112	160	4	5	8	19	2	2		1			126	187	313
Poisons	5	3	1		1	1							7	4	11
Hanging	79	24	8	1	8		1	2	1	2	4	2	101	31	132
Jumping	23	17	1		1	2					1		26	19	45
Carbon Monoxide Auto	37	17			1								38	17	55
Carbon Monoxide Other	7												7		7
Drowning	6	7			1								7	7	14
Suffocation	6	5			2								8	5	13
Sharp Instruments	20	5	1		4		1				2		28	5	33
Burns	4	1		1		1					1		5	3	8
Vehicle	6	1	3		2						1		12	1	13
Other		2			1								1	2	3
Sub Total	660	320	34	9	80	29	5	5	3	4	14	2	796	369	1,165
Total	980		43		109		10		7		16		1,165		

SUICIDES  
(Ethnic Group, Sex, and Age)  
July 1, 1978 - June 30, 1979

Ethnic Group	Sex	Age Groups								Sub Total	Total
		0	20	30	40	50	60	70	80		
		< 19	< 29	< 39	< 49	< 59	< 69	< 79	< 89		
White	M	39	166	115	81	82	91	58	28	660	980
	F	16	53	50	57	64	40	25	15	320	
Spanish Surname	M	3	14	5	4	2	1	1	4	34	43
	F	3	3			1		1	1	9	
Black	M	10	33	20	9	3	1	2	2	80	109
	F	2	18	5	1	2			1	29	
Japanese	M		3				1	1		5	10
	F			1	1	2	1			5	
Chinese	M		1	2						3	7
	F		2			1	1			4	
Korean	M		1							1	2
	F			1						1	
Iranian	M		2	1						3	3
	F										
Vietnamese	M		2							2	2
	F										
American Indian	M		1							1	1
	F										
India Indian	M										
	F										
Filipino	M		1	4						5	6
	F						1			1	
Oriental	M										
	F										
Polynesian	M		1							1	1
	F										
Thai	M		1							1	1
	F										
Sub Total	M	52	226	147	94	87	94	62	34	796	1,165
	F	21	76	57	59	70	43	26	17	369	
Total		73	302	204	153	157	137	88	51	1,165	1,165



SUICIDE  
DRUG DEATHS

(Type, Age, and Sex)

July 1, 1978 - June 30, 1979

Drugs	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Barbiturates	M		3	10	2	4	4	7	6	3	39	101
	F		1	5	7	11	12	9	10	7	62	
Narcotics	M						1				1	1
	F											
Combined Barbiturate and Narcotic	M											
	F											
Analgesics	M		1	1	2	3	2	1			10	33
	F		1	4	3	9	3	1	2		23	
Anesthetics	M			2	4	4	1				11	16
	F				1	2	2				5	
Hypnotics, Sedatives, and Tranquilizers	M			8	6	2	3	2	4		25	56
	F		1	7	9	4	3	4	1	2	31	
Stimulants and Anti- depressants	M		1	7	3	2		1			14	37
	F		1	8	2	4	6	2			23	
Multiple Drugs	M		1	6	2	5		4	2		20	57
	F		2	10	5	7	5	4	4		37	
Other Drugs	M					2	1	1			4	5
	F					1					1	
Unknown Drugs	M			1				1			2	7
	F			1	1		1	1		1	5	
Ethanol Only	M											
	F											
Poisons	M			3		1	1	1		1	7	11
	F		1			1	1			1	4	
Sub Total	M		6	38	19	23	13	18	12	4	133	324
	F		7	35	28	39	33	21	17	11	191	
Total			13	73	47	62	46	39	29	15	324	

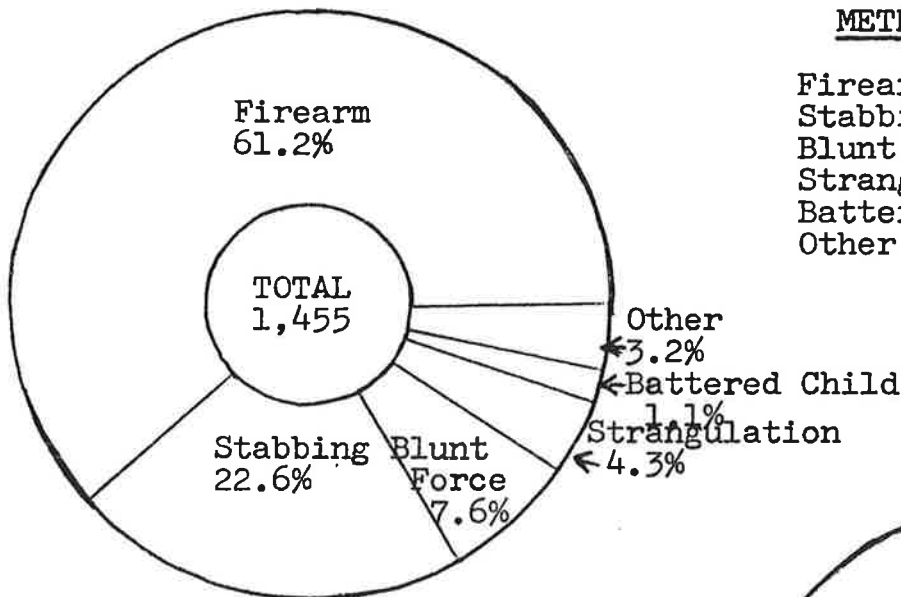


SUICIDE  
DRUG DEATHS  
(Ethnic Group, Sex, and Type)  
July 1, 1978 - June 30, 1979

Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M	33	1	4	1			39	101
	F	59	2	1				62	
Narcotics	M	1						1	1
	F								
Combined Barbiturate and Narcotic	M								
	F								
Analgesics	M	9		1				10	33
	F	17	3	3				23	
Anesthetics	M	11						11	16
	F	5						5	
Hypnotics, Sedatives, and Tranquilizers	M	22	1	2				25	56
	F	26		3	1	1		31	
Stimulants and Anti- depressants	M	12	1	1				14	37
	F	19		4				23	
Multiple Drugs	M	18	1		1			20	57
	F	31		6				37	
Other Drugs	M	4						4	5
	F	1						1	
Unknown Drugs	M	2						2	7
	F	2		2	1			5	
Ethanol Only	M								
	F								
Poisons	M	5	1	1				7	11
	F	3		1				4	
Sub Total	M	117	5	9	2			133	324
	F	163	5	20	2	1		191	
Total		280	10	29	4	1		324	

# HOMICIDES

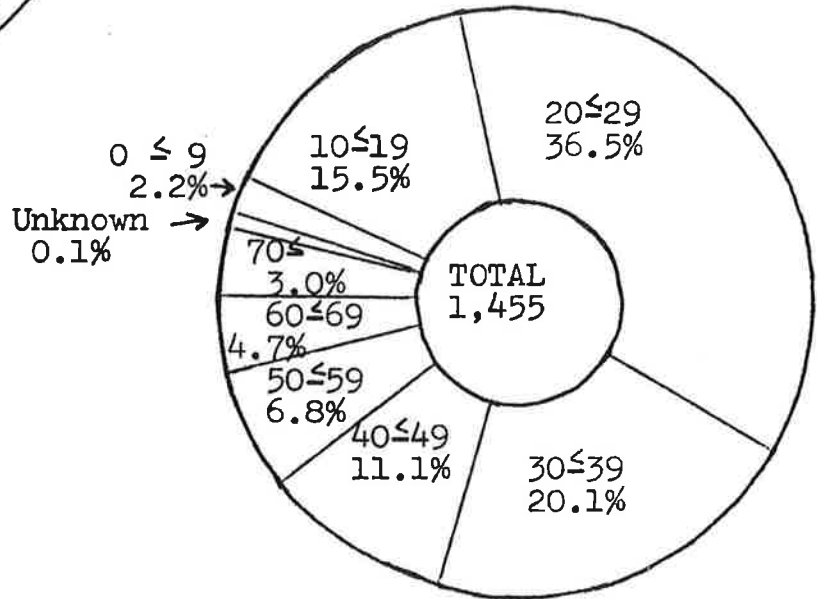
July 1, 1978 - June 30, 1979



Firearm	890
Stabbing	329
Blunt Force	111
Strangulation	63
Battered Child	15
Other	47
<b>TOTAL</b>	<b>1,455</b>

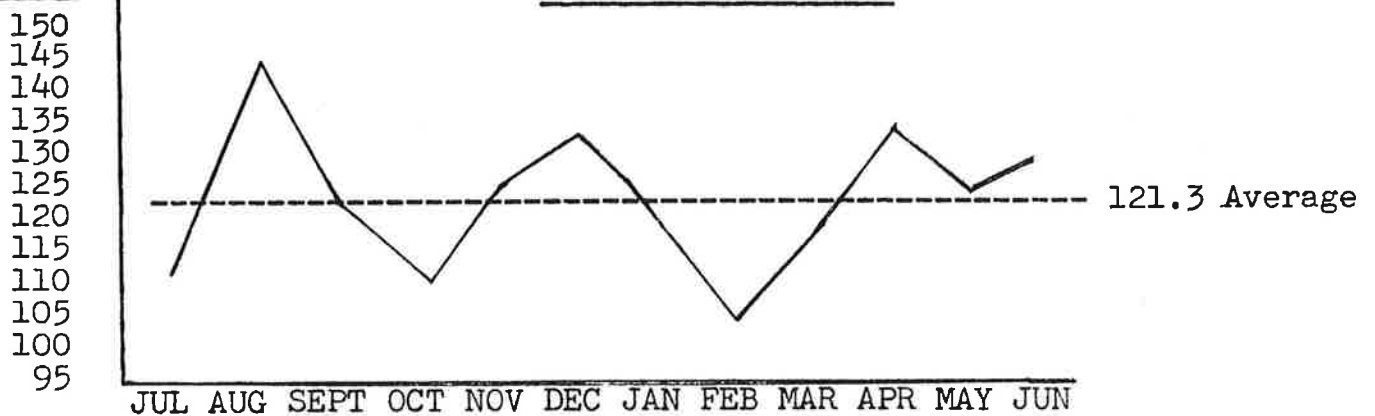
**AGE GROUPS**

≤ 9	32
10 ≤ 19	225
20 ≤ 29	531
30 ≤ 39	293
40 ≤ 49	162
50 ≤ 59	99
60 ≤ 69	68
70 ≤	44
Unknown	1
<b>TOTAL</b>	<b>1,455</b>



**NO. OF CASES**

## HOMICIDES BY MONTH



HOMICIDES  
(Type, Age, and Sex)  
July 1, 1978 - June 30, 1979

Type of Homicide	Sex	Age Groups										Sub Total	Total	
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤ 89	Unk Age			
Firearms	M	4	131	287	159	86	36	28	5	2	1	739	837	890
	F	1	8	45	16	10	12	6				98		
Police Involved Firearms	M		7	22	10	4	4		1	1		49	53	
	F			3	1							4		
Stabbing	M	1	47	108	54	36	18	10	2	1		277	329	
	F	1	6	19	9	3	5	3	2	4		52		
Blunt Force Assault	M	1	3	13	21	11	11	6	6	6		78	111	
	F	2	4	6	6	3	3	4	1	4		33		
Strangulation	M	3	5	4	3	2	3	2				22	63	
	F	1	9	12	8	2	2	4	1	2		41		
Burns	M		2	3		1	1	1	1			9	11	
	F			1		1						2		
Suffocation	M					1	1	3	1			6	10	
	F	1		1	1				1			4		
Vehicle Involved	M		2	2	3		1					8	11	
	F			1		1				1		3		
Drowning	M				1							1	1	
	F													
Battered Child	M	6										6	15	
	F	9										9		
Drugs	M													
	F													
Fall/pushed from higher level	M						1					1	1	
	F													
Others	M	2		2		1	1			1		7	13	
	F		1	2	1			1	1			6		
Sub Total	M	17	197	441	251	142	77	50	16	11	1	1,203	1,455	
	F	15	28	90	42	20	22	18	6	11		252		
Total		32	225	531	293	162	99	68	22	22	1	1,455		

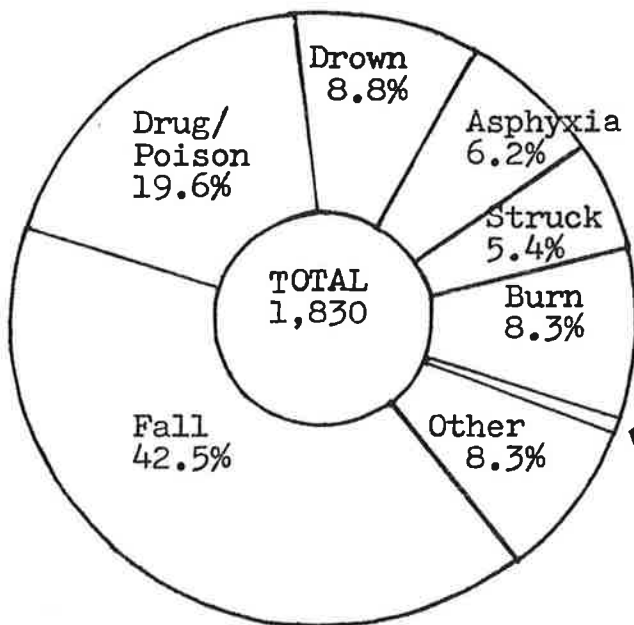
HOMICIDES  
(Ethnic Group, Sex, and Type)  
July 1, 1978 - June 30, 1979

Type of Homicide	Sex	Ethnic Group						Sub Total	Total	
		White	Black	Spanish Surname	Chi-nese	Japa-nese	Other			
Firearms	M	290	287	147	3	3	9	739	837	890
	F	39	47	7	2		3	98		
Police Involved Firearms	M	22	20	6			1	49	53	
	F		3	1				4		
Stabbing	M	124	83	63			7	277	329	
	F	28	22		1		1	52		
Blunt Force Assault	M	47	17	10	1	1	2	78	111	
	F	19	8	5			1	33		
Strangulation	M	12	8	1			1	22	63	
	F	25	14	1		1		41		
Burns	M	8		1				9	11	
	F		1	1				2		
Suffocation	M	4	2					6	10	
	F	2	1	1				4		
Vehicle Involved	M	5		3				8	11	
	F	1	1	1				3		
Drowning	M		1					1	1	
	F									
Battered Child	M	3	2	1				6	15	
	F	2	6	1				9		
Drugs	M									
	F									
Fall/pushed from higher level	M	1						1	1	
	F									
Other	M	5	2					7	13	
	F	2	4					6		
Sub Total	M	521	422	232	4	4	20	1,203	1,455	
	F	118	107	18	3	1	5	252		
Total		639	529	250	7	5	25	1,455		

HOMICIDES  
(Ethnic Group, Sex, and Age)  
July 1, 1978 - June 30, 1979

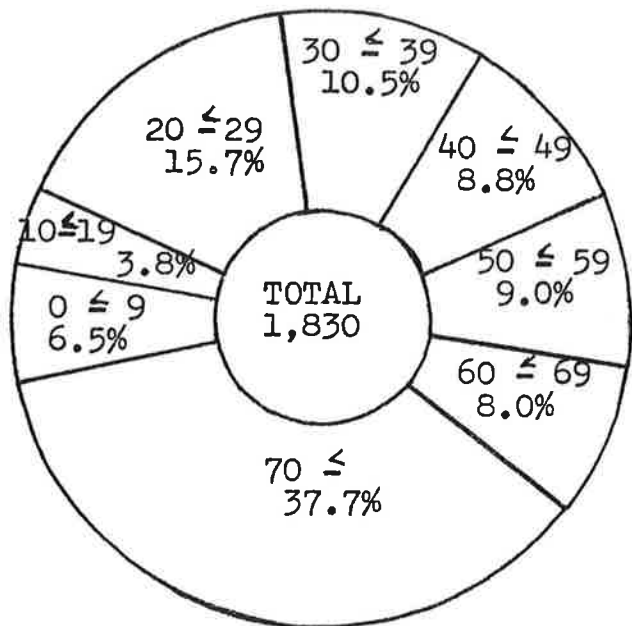
Ethnic Group	Sex	Age Groups										Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤ 89	Unk. Age		
White	M	5	99	157	99	68	41	32	10	9	1	521	639
	F	4	14	41	15	9	10	11	6	8		118	
Spanish Surname	M	2	45	99	51	23	9	1	2			232	250
	F	3		7	6		1	1				18	
Black	M	8	51	179	90	49	25	15	4	1		422	529
	F	7	12	40	21	10	10	5		2		107	
Chinese	M		1			1	1	1				4	7
	F			1		1		1				3	
Japanese	M			1	1			1		1		4	5
	F									1		1	
Korean	M			1	3	1						5	5
	F												
American Indian	M	1		3	3	1						8	9
	F		1									1	
Iranian	M			1	2							3	3
	F												
Filipino	M	1	1									2	6
	F	1	1	1			1					4	
Thai	M				1							1	1
	F												
Other Mongolian	M				1							1	1
	F												
Sub Total	M	17	197	441	251	142	77	50	16	11	1	1,203	1,455
	F	15	28	90	42	20	22	18	6	11		252	
Total		32	225	531	293	162	99	68	22	22	1	1,455	

# **ACCIDENTAL DEATHS** July 1, 1978 - June 30, 1979



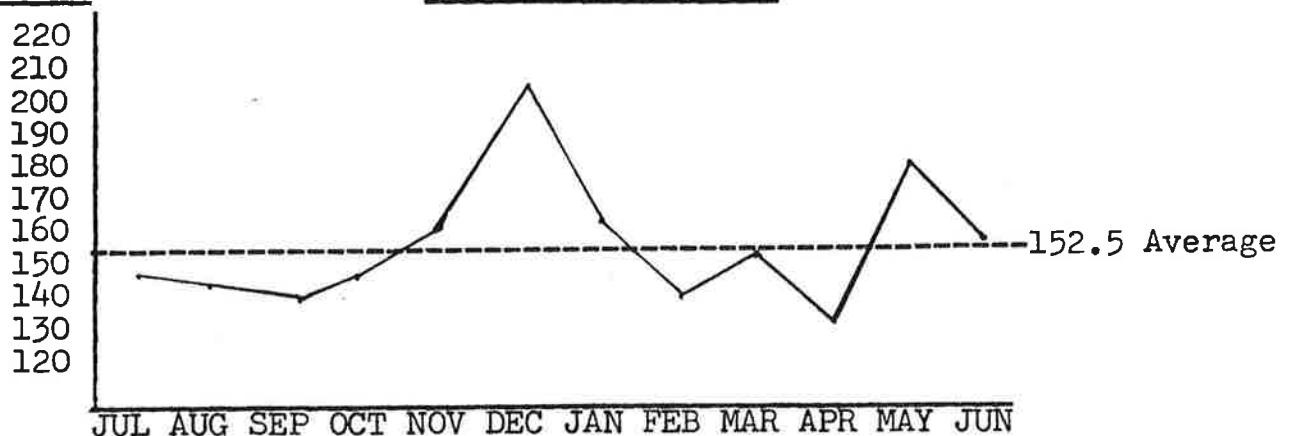
TYPE OF ACCIDENTS	
Fall	778
Drug/Poison	358
Drowning	161
Aspiration/Asphyxia	114
Struck/Crush/Blunt Injury	98
Burn	152
Therapeutic	16
Other	153
<b>TOTAL</b>	<b>1,830</b>

AGE GROUPS		
0 ≤ 9	120	
10 ≤ 19	69	
20 ≤ 29	288	
30 ≤ 39	192	
40 ≤ 49	161	
50 ≤ 59	164	
60 ≤ 69	147	
70 ≤	689	
<b>TOTAL</b>	<b>1,830</b>	



**NO. OF CASES**

## ACCIDENTS BY MONTH



**ACCIDENTAL DEATHS**  
**July 1, 1978 - June 30, 1979**

Type of Accident	Home	Occupational	Other Locations	Total
Aspiration-Food	53		22	75
Aspiration-Foreign Body	4		4	8
Mechanical Suffocation	6		1	7
Hanging	2		1	3
Struck by Objects	3	4	2	9
Crushed by Objects	5	15	9	29
Burns	129	2	21	152
Carbon Monoxide	14		10	24
Falls	601	10	167	778
Drownings	109		52	161
Electrocutions	4	7	4	15
Explosions	4	11	3	18
Cut or Puncture	2		2	4
Firearms	11		2	13
Blunt Force	13	1	46	60
Drugs	226		119	345
Poisons	11		2	13
Therapeutic			16	16
Industrial Fumes, Dust		22		22
Other	12	10	56	78
<b>TOTAL</b>	<b>1,209</b>	<b>82</b>	<b>539</b>	<b>1,830</b>



Total  
ACCIDENTAL DEATHS  
(Type, Age, and Sex)  
July 1, 1978 - June 30, 1979

Type of Accident	Sex	Age Groups								Sub Total	Total
		0 9	10 19	20 29	30 39	40 49	50 59	60 69	70 79		
Aspiration-Food	M	3		3	3	8	7	5	17	46	75
	F	3	1	3	3	3	5	4	7	29	
Aspiration-Foreign Body	M	1		1	1	1				4	8
	F	2							2	4	
Mechanical Suffocation	M	1			1					2	7
	F	3		2						5	
Hanging	M		1			1				2	3
	F					1				1	
Struck by Objects	M	1		2	1		2			6	9
	F	1							2	3	
Crushed by Objects	M	1	3	6	5	3	4	5		27	29
	F	2								2	
Burns	M	16	1	15	9	6	12	11	13	83	152
	F	11	2	5	3	9	10	7	22	69	
Carbon Monoxide	M		1	6	2	3	5	1		18	24
	F		2		1	2			1	6	
Falls	M	5	14	20	17	25	32	40	194	347	778
	F	4	2	5	2	6	11	28	373	431	
Drownings	M	35	12	25	12	6	5	2	6	103	161
	F	15	4	10	7	2	6	3	11	58	
Electrocutions	M		3	1	4	2	2	1		13	15
	F	1		1						2	
Explosions	M		1	5	6	1	2	2		17	18
	F								1	1	
Cut or Puncture	M			2		2				4	4
	F										
Firearms	M	1	2	2	3	1	1			10	13
	F		2	1						3	
Blunt Force	M	1	1	1	7	10	8	4	14	46	60
	F	1		1	4			3	5	14	
Drugs	M		7	95	47	33	14	3		199	345
	F	2	3	59	36	18	16	11	1	146	
Poisons	M	1	3			1	3		1	9	13
	F	3						1		4	
Therapeutic	M	1	1		2		2	1	1	8	16
	F	3			1	1	2		1	8	
Industrial Fumes, Dust	M		1	1		3		11	6	22	22
	F										
Other	M		1	13	9	10	11	4	5	53	78
	F	2	1	3	7	4	2		6	25	
Sub Total	M	67	52	198	129	116	110	90	257	1,019	1,830
	F	53	17	90	63	45	54	57	432	811	
Total		120	69	288	192	161	164	147	689	1,830	



OCCUPATIONAL  
ACCIDENTAL DEATHS  
(Type, Age, and Sex)  
July 1, 1978 - June 30, 1979

Type of Accident	Sex	Age Groups								Sub Total	Total
		0 9	10 19	20 29	30 39	40 49	50 59	60 69	70 79		
Aspiration-Food	M										
	F										
Aspiration-Foreign Body	M										
	F										
Mechanical Suffocation	M										
	F										
Hanging	M										
	F										
Struck by Objects	M			1	1		2			4	4
	F										
Crushed by Objects	M		3	4	3	1	3	1		15	15
	F										
Burns	M					2				2	2
	F										
Carbon Monoxide	M										
	F										
Falls	M			2	2		3	3		10	10
	F										
Drownings	M										
	F										
Electrocutions	M			1	4		1	1		7	7
	F										
Explosions	M			2	4	1	2	2		11	11
	F										
Cut or Puncture	M										
	F										
Firearms	M										
	F										
Blunt Force	M					1				1	1
	F										
Drugs	M										
	F										
Poisons	M										
	F										
Therapeutic	M										
	F										
Industrial Fumes, Dust	M		1	1		3		11	6	22	22
	F										
Other	M			2	3	1	3	1		10	10
	F										
Sub Total	M		4	13	17	9	14	19	6	82	82
	F										
Total			4	13	17	9	14	19	6	82	

ACCIDENTAL DROWNING  
(Place, Age, and Sex)  
July 1, 1978 - June 30, 1979

Place of Drowning	Sex	Age Groups									Sub Total	Total
		0 < 3	4 < 9	10 < 19	20 < 29	30 < 39	40 < 49	50 < 59	60 < 69	70 < 79		
Swimming Pool	M	21	6	4	16	6	2	3	1	4	63	88
	F	7	2	4	4	3	1	1	1	2	25	
Bathtub	M	2	1	1	2	1	3	1		1	12	31
	F	3			1	2		4	2	7	19	
Ocean-Swimming	M			2	4	1		1			8	9
	F				1						1	
Boat Fatality	M		1								1	2
	F				1						1	
Slipped from rocks-Ocean	M											1
	F							1			1	
River	M		1	1							2	2
	F											
Reservoir	M			1							1	2
	F		1								1	
Lake/Pond	M	1	1	2	1						5	5
	F											
Fell from dock Ocean shore	M											1
	F					1					1	
Scuba	M				2	3					5	7
	F				2						2	
Vehicle into water	M											1
	F					1					1	
Found floating in ocean	M			1		1	1			1	4	6
	F				1					1	2	
Toilet Bowl	M											1
	F	1									1	
Jacuzzi	M								1		1	2
	F	1									1	
Hot tub	M	1									1	2
	F						1				1	
Creek	M											1
	F									1	1	
Sub Total	M	25	10	12	25	12	6	5	2	6	103	161
	F	12	3	4	10	7	2	6	3	11	58	
Total		37	13	16	35	19	8	11	5	17	161	161

**ACCIDENTAL  
DRUG DEATHS**

(Type, Age, and Sex)  
July 1, 1978 - June 30, 1979

Drugs	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Barbiturates	M		1	7	3	3	2	1			17	45
	F		1	14	3	4	2	4			28	
Narcotics	M			28	20	9	2				59	76
	F			13	2	1	1				17	
Combined Barbiturate and Narcotic	M			3	2						5	7
	F			1		1					2	
Analgesics	M		2	8	3	2	4				19	40
	F	2	1	5	3	6	2	2			21	
Anesthetics	M		1	7	2		1				11	14
	F		1	2							3	
Hypnotics, Sedatives, and Tranquilizers	M			5	1	6					12	22
	F			3	2	1	2	1	1		10	
Stimulants and Anti- depressants	M			6	1						7	22
	F			3	3	2	4	3			15	
Multiple Drugs	M		2	16	10	7	1	1			37	77
	F			17	17	3	3				40	
Other Drugs	M			1							1	3
	F				1		1				2	
Unknown Drugs	M			1	2	2					5	8
	F			1	2						3	
Ethanol Only	M		1	13	3	4	4	1			26	31
	F				3		1	1			5	
Poisons	M	1	3			1	3		1		9	13
	F	3						1			4	
Sub Total	M	1	10	95	47	34	17	3	1		208	358
	F	5	3	59	36	18	16	12	1		150	
Total		6	13	154	83	52	33	15	2		358	

ACCIDENTAL  
DRUG DEATHS  
(Ethnic Group, Sex, and Type)  
July 1, 1978 - June 30, 1979

Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M	13		3	1			17	45
	F	19		9				28	
Narcotics	M	37	6	16				59	76
	F	6		11				17	
Combined Barbiturate and Narcotic	M	2	1	2				5	7
	F	1		1				2	
Analgesics	M	14	2	3				19	40
	F	15	1	5				21	
Anesthetics	M	4		7				11	14
	F	2	1					3	
Hypnotics, Sedatives, and Tranquilizers	M	8	2	1	1			12	22
	F	5		5				10	
Stimulants and Anti- depressants	M	5		2				7	22
	F	12	1	2				15	
Multiple Drugs	M	26		11				37	77
	F	25		14	1			40	
Other Drugs	M			1				1	3
	F	1		1				2	
Unknown Drugs	M	1		4				5	8
	F	1		2				3	
Ethanol Only	M	16	6	4				26	31
	F	4		1				5	
Poisons	M	4	2	2	1			9	13
	F	4						4	
Sub Total	M	130	19	56	3			208	358
	F	95	3	51	1			150	
Total		225	22	107	4			358	

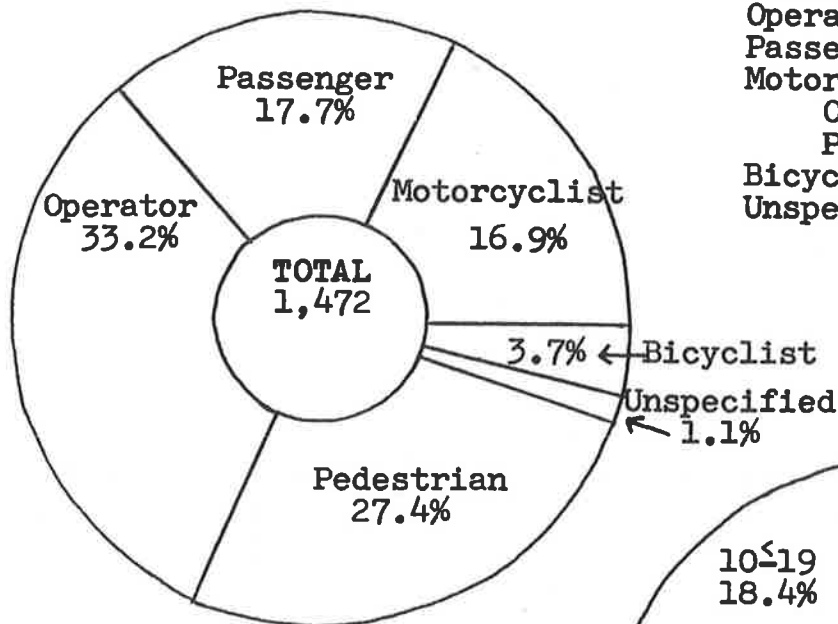
# VEHICULAR ACCIDENTS

July 1, 1978 - June 30, 1979

## CLASSIFICATION OF VICTIMS

Pedestrian	403
Operator	489
Passenger	261
Motorcyclist	249
Operator	(244)
Passenger	(5)
Bicyclist	54
Unspecified	16

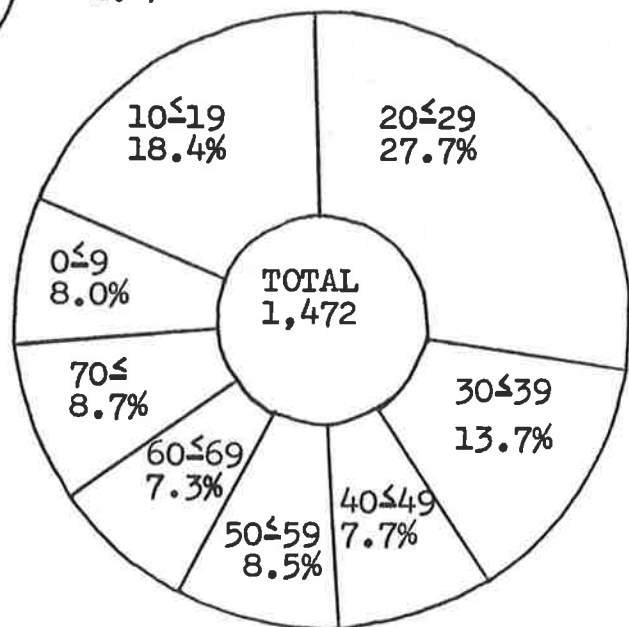
TOTAL 1,472



## AGE GROUPS

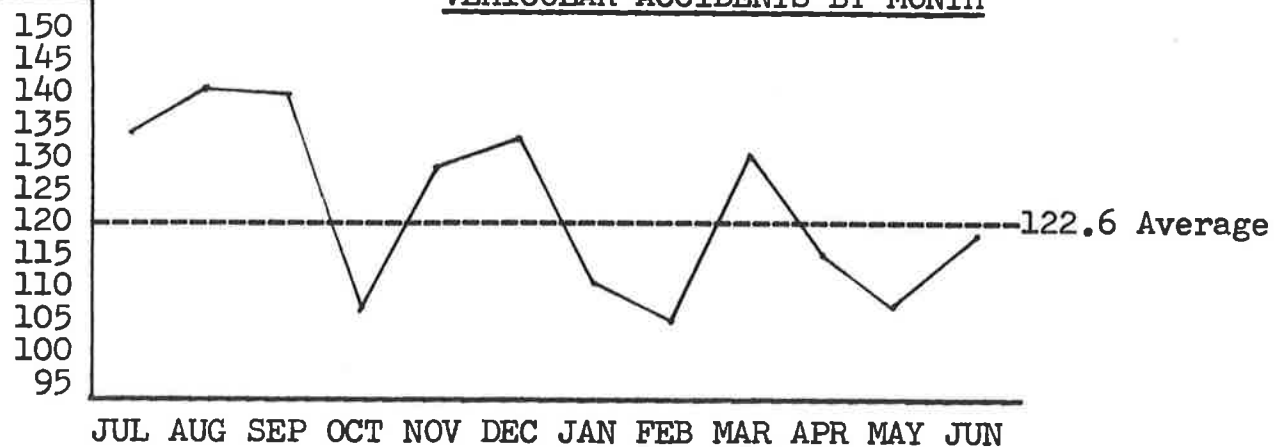
0 ≤ 9	118
10 ≤ 19	271
20 ≤ 29	407
30 ≤ 39	202
40 ≤ 49	113
50 ≤ 59	125
60 ≤ 69	108
70 ≤	128

TOTAL 1,472



## NO. OF CASES

## VEHICULAR ACCIDENTS BY MONTH



VEHICULAR ACCIDENTS  
(Type, Age, and Sex)  
July 1, 1978 - June 30, 1979

Type of Accident	Age Groups									Sub Total	Total
	Sex	<u>0</u> <u>9</u>	<u>10</u> <u>19</u>	<u>20</u> <u>29</u>	<u>30</u> <u>39</u>	<u>40</u> <u>49</u>	<u>50</u> <u>59</u>	<u>60</u> <u>69</u>	<u>70</u> <u>79</u>		
Auto Vs. Auto	M	6	22	49	35	16	13	18	18	177	289
	F	11	19	23	12	11	14	8	14	112	
Auto vs. Bus, Truck	M	1	13	16	3	4	3	3	6	49	72
	F	1	2	6	6	1	3	3	1	23	
Auto vs. Train	M			4					1	5	6
	F			1						1	
Auto vs. Motorcycle	M		35	52	19	4	4		1	115	123
	F	1	2	3	2					8	
Auto Out of Control	M	6	48	90	33	15	15	12	10	229	336
	F	2	20	30	20	12	9	9	5	107	
Truck vs. Truck	M			5	1		1	1		8	8
	F										
Truck vs. Motorcycle	M		9	8	3		1	1		22	23
	F		1							1	
Truck Out of Control	M	3	2	12	2	4	2			25	29
	F		1	1	1	1				4	
Bicycle vs. Auto	M	5	12	6	4		1		2	30	38
	F	2	1	2		2			1	8	
Bicycle vs. Truck, Bus	M	1		1		1				3	6
	F		2						1	3	
Bicycle Out of Control	M		4	1		1		1		7	10
	F		2				1			3	
Pedestrian vs. Auto	M	46	21	27	20	22	26	23	28	213	341
	F	23	9	15	7	7	18	19	30	128	
Pedestrian vs. Bus	M					2	1	3	1	7	10
	F				1			1	1	3	
Pedestrian vs. Truck	M	2	1	3	4	1	6	3	2	22	33
	F	4	1		1	1	1		3	11	
Pedestrian vs. Motorcycle	M			1				1	1	3	5
	F	1							1	2	
Pedestrian vs. Train	M		2	2	3	2		1		10	12
	F						1		1	2	
Motorcycle Out of Control	M		27	40	19	4	3			93	103
	F		7	1		1	1			10	
Other Combinations	M	2	5	7	4	1	1			20	28
	F	1	3	1	2			1		8	
Sub Total	M	72	201	324	150	77	77	67	70	1,038	1,472
	F	46	70	83	52	36	48	41	58	434	
Total		118	271	407	202	113	125	108	128	1,472	



VEHICULAR ACCIDENTS  
(Position in Vehicle, Age, and Sex)  
July 1, 1978 - June 30, 1979

Age	Sex	Operator		Passenger	Pedes- trian	Motor- cycle Operator	Un- speci- fied	Sub Total	Total
		Bike	Others						
0 ≤ 9	M	7		16	49			72	118
	F	2		15	28	1		46	
10 ≤ 19	M	16	43	48	25	68	1	201	271
	F	4	15	32	10	9		70	
20 ≤ 29	M	8	137	39	33	100	7	324	407
	F	2	33	28	15	3	2	83	
30 ≤ 39	M	4	67	8	27	42	2	150	202
	F		26	13	9	3	1	52	
40 ≤ 49	M	2	37	3	27	8		77	113
	F	2	12	12	8	1	1	36	
50 ≤ 59	M	1	33	3	33	7		77	125
	F	1	15	11	20	1		48	
60 ≤ 69	M	1	25	8	31	1	1	67	108
	F		13	7	20		1	41	
70 ≤	M	2	27	9	32			70	128
	F	2	6	14	36			58	
Sub Total	M	41	369	134	257	226	11	1,038	1,472
	F	13	120	132	146	18	5	434	
Total		54	489	266	403	244	16	1,472	

BLOOD ALCOHOL LEVEL IN VEHICULAR ACCIDENTS AS TO AGES

July 1, 1978 - June 30, 1979

Blood Alcohol Level	AGE OF VICTIM								Totals
	0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤	
Not Tested	109	86	89	43	32	35	31	69	494
Negative	9	117	149	67	48	51	57	50	548
Positive		68	169	92	33	39	20	9	430
0.01%≤0.04%		8	22	7	1	8	4	4	54
0.05%≤0.09%		11	40	20	5	3	3	2	84
0.10%≤0.14%		24	28	13	3	10	3	2	83
0.15%≤0.19%		12	37	23	7	8	3	1	91
0.20%≤0.24%		9	24	20	12	6	4		75
0.25%≤0.29%		2	9	7	2	2	3		25
0.30%≤0.34%		1	5	1	1	1			9
0.35%≤		1	4	1	2	1			9
Total Tests	9	185	318	159	81	90	77	59	978
Total Cases	118	271	407	202	113	125	108	128	1,472



BLOOD ALCOHOL LEVELS IN VEHICULAR ACCIDENTS  
July 1, 1978 - June 30, 1979

Blood Alcohol Level	Operator		Passenger	Pedestrian	Motor-cycle Operator	Un-specified	Total
	Bike	Others					
Not Tested	35	117	100	174	63	5	494
Negative	14	178	101	149	98	8	548
Positive	5	194	65	80	83	3	430
0.01%≤0.04%	3	23	8	9	11		54
0.05%≤0.09%	1	31	16	12	23	1	84
0.10%≤0.14%		39	21	13	10		83
0.15%≤0.19%	1	42	8	20	19	1	91
0.20%≤0.24%		38	7	17	12	1	75
0.25%≤0.29%		12	2	6	5		25
0.30%≤0.34%		5	3		1		9
0.35%≤		4		3	2		9
Total Tests	19	372	166	229	181	11	978
Total Cases	54	489	266	403	244	16	1,472

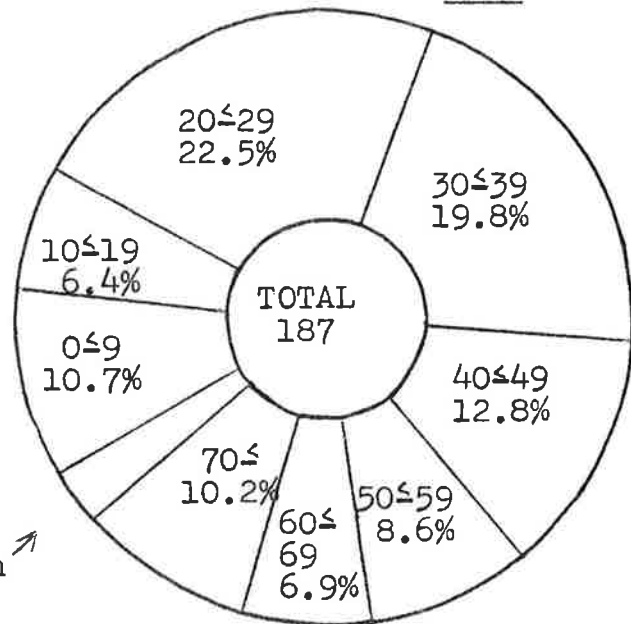
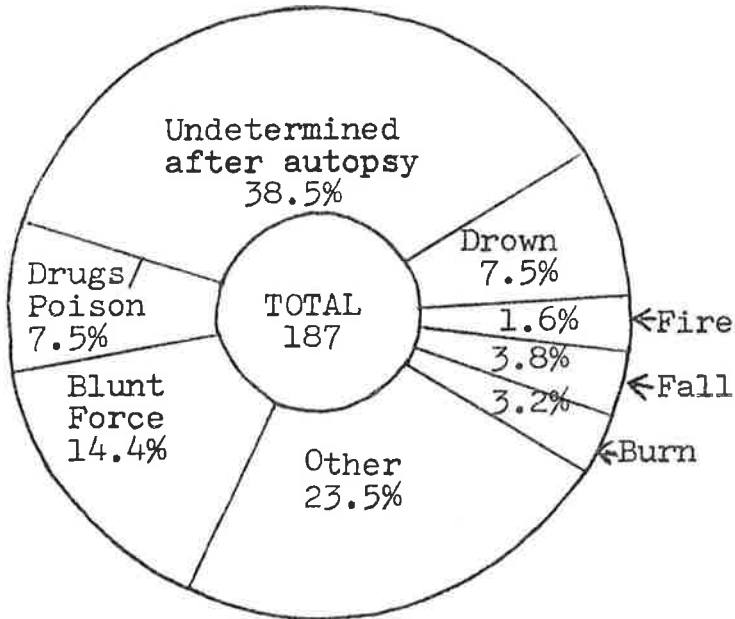
# UNDETERMINED DEATHS

July 1, 1978 - June 30, 1979

## CAUSE OF DEATH

Undetermined After Autopsy	72
Drugs/Poison	14
Blunt Force	27
Drown	14
Firearms	3
Falls	7
Burns	6
Others	44

TOTAL 187

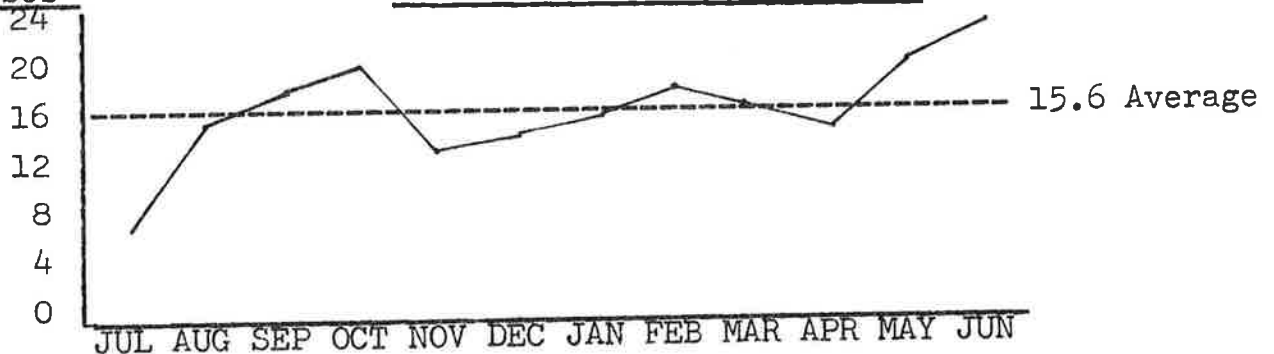


## AGE GROUPS

0 ≤ 9	20
10 ≤ 19	12
20 ≤ 29	42
30 ≤ 39	37
40 ≤ 49	24
50 ≤ 59	16
60 ≤ 69	13
70 ≤	19
Unknown	4
TOTAL	187

No. of Cases

## UNDETERMINED MODES BY MONTH



UNDETERMINED MODE DEATHS  
(Type of Death, Age Group and Sex)  
July 1, 1978 - June 30, 1979

Type of Death	Age Groups										Sub Total	Total
	Sex	0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	Unk.		
Drugs	M		1	3	2						6	13
	F				1	3	2		1		7	
Blunt Force	M	1		2	5	5	4	4	5		26	27
	F			1							1	
Firearms	M			1	2						3	3
	F											
Carbon Monoxide	M			1	1						2	3
	F								1		1	
Burns	M	1						1			2	6
	F			1		2		1			4	
Falls	M				1		1	1	2		5	7
	F								2		2	
Poison	M							1			1	1
	F											
Seizure Disorder	M						1				1	2
	F				1						1	
Drownings	M		1	3		1		1	5		11	14
	F		1		1				1		3	
Vehicle involved	M		1	1							2	3
	F				1						1	
Other	M	7	1	6		4	2	1	2		23	36
	F	7		1	2		3				13	
Undetermined After Autopsy	M	1	4	17	13	6	2			1	44	72
	F	3	3	5	7	3	1	3		1	26	
	U									2	2	
Sub Total	M	10	8	34	24	16	10	9	14	1	126	187
	F	10	4	8	13	8	6	4	5	1	59	
	U									2	2	
TOTAL		20	12	42	37	24	16	13	19	4	187	

UNDETERMINED  
DRUG DEATHS  
(Type, Age, and Sex)

July 1, 1978 - June 30, 1979

Drugs	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤ 89		
Barbiturates	M				1						1	3
	F						1		1		2	
Narcotics	M											
	F											
Combined Barbiturate and Narcotic	M											1
	F					1					1	
Analgesics	M			2	1						3	5
	F					2					2	
Anesthetics	M											
	F											
Hypnotics, Sedatives, and Tranquilizers	M											1
	F				1						1	
Stimulants and Anti- depressants	M											
	F											
Multiple Drugs	M		1	1							2	2
	F											
Other Drugs	M											1
	F						1				1	
Unknown Drugs	M											
	F											
Ethanol Only	M											
	F											
Poisons	M							1			1	1
	F											
Sub Total	M		1	3	2			1			7	14
	F				1	3	2		1		7	
Total			1	3	3	3	2	1	1		14	

UNDETERMINED  
DRUG DEATHS  
(Ethnic Group, Sex, and Type)  
July 1, 1978 - June 30, 1979

Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M			1				1	3
	F	2						2	
Narcotics	M								
	F								
Combined Barbiturate and Narcotic	M								1
	F			1				1	
Analgesics	M	3						3	5
	F	2						2	
Anesthetics	M								
	F								
Hypnotics, Sedatives, and Tranquilizers	M								1
	F	1						1	
Stimulants and Anti- depressants	M								
	F								
Multiple Drugs	M	2						2	2
	F								
Other Drugs	M								1
	F			1				1	
Unknown Drugs	M								
	F								
Ethanol Only	M								
	F								
Poisons	M	1						1	1
	F								
Sub Total	M	6		1				7	14
	F	5		2				7	
Total		11		3				14	

TOTAL  
DRUG DEATHS  
(Type, Age, and Sex)  
July 1, 1978 - June 30, 1979

Drugs	Sex	Age Groups									Sub Total	Total
		0 ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤ 79	80 ≤		
Barbiturates	M		4	17	6	7	6	8	6	3	57	149
	F		2	19	10	15	15	13	11	7	92	
Narcotics	M			28	20	9	3				60	77
	F			13	2	1	1				17	
Combined Barbiturate and Narcotic	M			3	2						5	8
	F			1		2					3	
Analgesics	M		3	11	6	5	6	1			32	78
	F	2	2	9	6	17	5	3	2		46	
Anesthetics	M		1	9	6	4	2				22	30
	F		1	2	1	2	2				8	
Hypnotics, Sedatives, and Tranquilizers	M			13	7	8	3	2	4		37	79
	F		1	10	12	5	5	5	2	2	42	
Stimulants and Anti- depressants	M		1	13	4	2		1			21	59
	F		1	11	5	6	10	5			38	
Multiple Drugs	M		4	23	12	12	1	5	2		59	136
	F		2	27	22	10	8	4	4		77	
Other Drugs	M			1		2	1	1			5	9
	F				1	1	2				4	
Unknown Drugs	M			2	2	2		1			7	15
	F			2	3		1	1		1	8	
Ethanol Only	M		1	13	3	4	4	1			26	31
	F				3		1	1			5	
Poisons	M	1	3	3		2	4	2	1	1	17	25
	F	3	1			1	1	1		1	8	
Sub Total	M	1	17	136	68	57	30	22	13	4	348	696
	F	5	10	94	65	60	51	33	19	11	348	
Total		6	27	230	133	117	81	55	32	15	696	



**TOTAL  
DRUG DEATHS**  
(Ethnic Group, Sex, and Type)  
July 1, 1978 - June 30, 1979

Drugs	Sex	Ethnic Group						Sub Total	Total
		White	Spanish Surname	Black	Japanese	Chinese	Other		
Barbiturates	M	46	1	8	2			57	149
	F	80	2	10				92	
Narcotics	M	38	6	16				60	77
	F	6		11				17	
Combined Barbiturate and Narcotic	M	2	1	2				5	8
	F	1		2				3	
Analgesics	M	26	2	4				32	78
	F	34	4	8				46	
Anesthetics	M	15		7				22	30
	F	7	1					8	
Hypnotics, Sedatives, and Tranquilizers	M	30	3	3	1			37	79
	F	32		8	1	1		42	
Stimulants and Anti depressants	M	17	1	3				21	59
	F	31	1	6				38	
Multiple Drugs	M	46	1	11	1			59	136
	F	56		20	1			77	
Other Drugs	M	4		1				5	9
	F	2		2				4	
Unknown Drugs	M	3		4				7	15
	F	3		4	1			8	
Ethanol Only	M	16	6	4				26	31
	F	4		1				5	
Poisons	M	10	3	3	1			17	25
	F	7		1				8	
Sub Total	M	253	24	66	5			348	696
	F	263	8	73	3	1		348	
Total		516	32	139	8	1		696	